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THENS COLLEGE BULLETIN

CATALOG NUMBER

1962-1963 SESSIONS

BULLETIN

of

ATHENS COLLEGE

Athens, Alabama

Volume XXIV

January, 1962

Number 1

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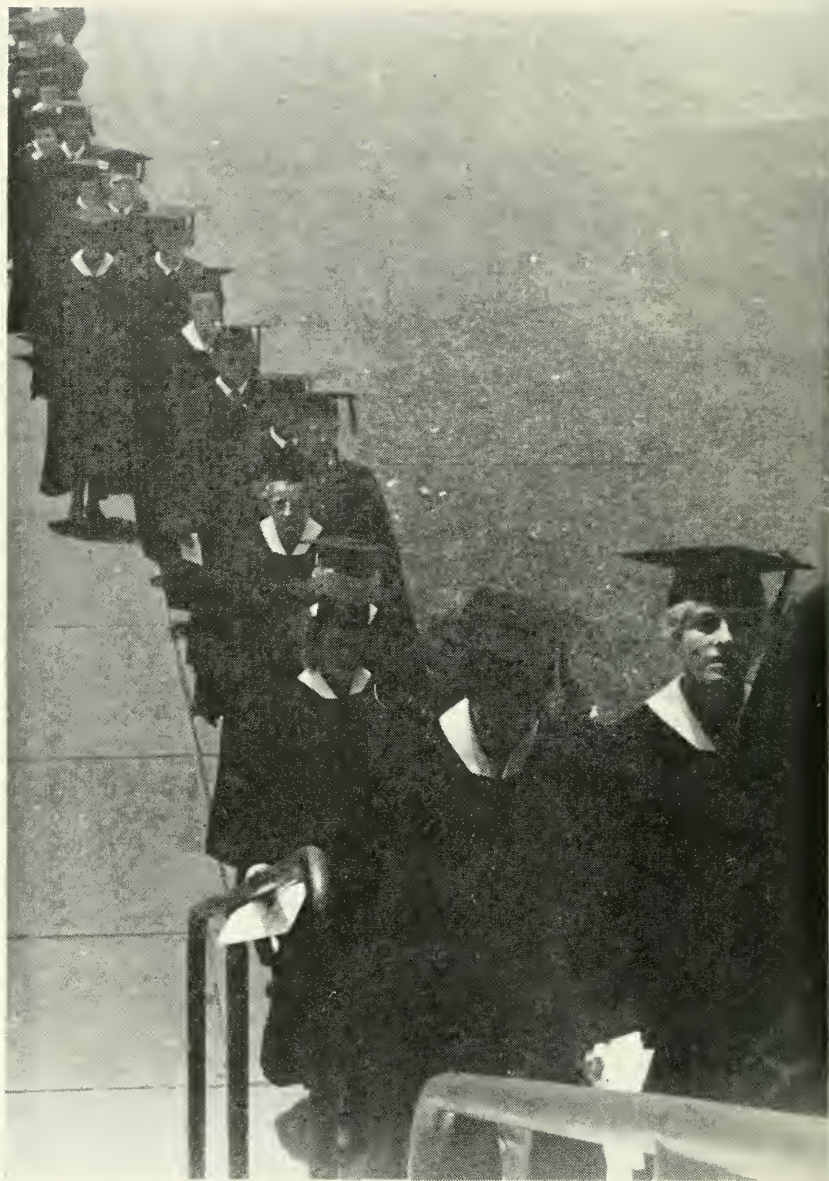
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CATALOG AND
ANNOUNCEMENTS
FOR
1962-1963

* *

One Hundred Fortieth Year

Published Quarterly by Athens College
Entered as second class mail in Post Office, Athens, Alabama,
under the Act of August 24, 1912



COMMENCEMENT AT ATHENS COLLEGE

OFFICERS OF ADMINISTRATION

VIRGIL B. MCCAIN, A.B., M.A., L.H.D.	<i>President</i>
JAMES E. BATHURST, A.B., A.M., Ph.D.	<i>Academic Dean and Registrar</i>
EDMUND EWING, A.B.	<i>Director of Public Relations</i>
LAWRENCE F. EDWARDS, A.B., M.F.A.	<i>Dean of Students</i>
G. G. STARR, A.B., A.M.	<i>Dean of Admissions</i>
MARY H. WHITE	<i>Bursar</i>

ADMINISTRATION ASSISTANTS

E. L. McFEE, A.B., B.D.	<i>Chaplain</i>
J. O. BELUE, M.D.	<i>College Physician</i>
MARY MOORE PHILLIPS, B.S., Diploma in Expression	<i>Executive Secretary, Alumni Association</i>
MARTHA A. PORTER	<i>Secretary to the President</i>
HALLIE CARSON, A.B., A.B.L.Sc., A.M.L.Sc.	<i>Librarian</i>
ETOILE B. PEARCE	<i>Head Resident, Women's Dormitory</i>
THELMA NUGENT	<i>Head Resident, Sanders Hall</i>
ALMA P. PURYEAR	<i>Assistant Registrar</i>
DOROTHY H. SEXTON	<i>Assistant to the Dean</i>
BETTY ROGERS	<i>Assistant to the Registrar</i>
EPSIE HORN	<i>Assistant to the Librarian</i>
MILDRED McLAIN	<i>Staff Secretary</i>
JAMES H. HARRISON	<i>Superintendent of Maintenance</i>
MYRTLE H. COPELAND	<i>Manager, Student Center</i>
GLADYS B. WARD	<i>Manager, Book Store</i>
CLEO CHRISTOPHER	<i>Supervisor of Dining Room</i>

ATHENS COLLEGE OBJECTIVES

1. To offer to worthy and qualified students a liberal education under teachers who believe in our culture.
2. To develop students to live in our modern culture; to give local and national leadership in it.
3. To prepare students for entrance into advanced study in professional or graduate schools.
4. To train men and women in church and in spiritual leadership locally and nationally.
5. To provide adults with opportunities for continuing education and to improve their status in the community and at large.

ACCREDITATION

ATHENS COLLEGE is a member of:

1. The Southern Association of Colleges and Secondary Schools
2. The American Council on Education
3. The University Senate of the Methodist Church
4. The Association of American Colleges
5. The Association of Alabama Colleges
6. The Association of Church Related Colleges
7. The American College Public Relations Association

Athens College is approved by the Alabama State Department of Education for the training of both elementary and high school teachers.

TABLE OF CONTENTS

	<i>Page</i>
1. The College Calendar	7
2. Introduction to Athens College	9
3. Student Life	11
4. Living Arrangements	13
5. College Expenses	16
6. Student Aid	18
7. Administrative Regulations	23
8. Requirements for Admission	27
9. Requirements for Degrees	29
10. Organization for Instruction	32
11. Division of Humanities	33
12. Division of Education	42
13. Division of Business and Social Science	54
14. Division of Science and Mathematics	64
15. Special Schedules	71
16. Technology Program	75
17. Directories for 1961-62	77

1962

CALENDAR

1963

1962

JANUARY							FEBRUARY							MARCH							APRIL						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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1963

JANUARY							FEBRUARY							MARCH							APRIL						
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27	28	29	30	31	24	25	26	27	28	24	25	26	27	28	29	30	28	29	30
..	31	31
MAY							JUNE							JULY							AUGUST						
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5	6	7	8	9	10	11	2	3	4	5	6	7	8	7	8	9	10	11	12	13	4	5	6	7	8	9	10
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26	27	28	29	30	31	..	23	24	25	26	27	28	29	28	29	30	31	25	26	27	28	29	30	31
..	30
SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER						
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8	9	10	11	12	13	14	6	7	8	9	10	11	12	3	4	5	6	7	8	9	8	9	10	11	12	13	14
15	16	17	18	19	20	21	13	14	15	16	17	18	19	10	11	12	13	14	15	16	15	16	17	18	19	20	21
22	23	24	25	26	27	28	20	21	22	23	24	25	26	17	18	19	20	21	22	23	22	23	24	25	26	27	28
29	30	27	28	29	30	31	24	25	26	27	28	29	30	29	30	31

ATHENS COLLEGE CALENDAR 1962-1963

SUMMER QUARTER 1962

JUNE

4	Monday	Registration—7:30 A.M. to 4:00 P.M.
5	Tuesday	Day Classes begin
	Tuesday	Registration—Night Classes—6:00 P.M. to 9:30 P.M.
7	Thursday	Night Classes begin
8	Friday	Last Day to register without penalty—Day Classes
9	Saturday	Last Day to register—Day Classes
12	Tuesday	Last Day to register without penalty—Night Classes
14	Thursday	Last Day to register—Night Classes

JULY

3- 4	Tuesday and Wednesday	Fourth of July holidays
6	Friday	Mid-term grades due—Day School
14	Saturday	Mid-term grades due—Night School
26	Thursday	Final examinations—Day School
27	Friday	
28	Saturday	

AUGUST

14	Tuesday	Final examinations—Night School
16	Thursday	

FALL QUARTER 1962

SEPTEMBER

6	Thursday	8:00 A.M., Entrance Examinations
14	Friday	9:00 A.M., Faculty Workshop
17	Monday	Freshman Orientation Program and Registration
18	Tuesday	
19	Wednesday	8:00 A.M., Day Classes begin
20	Thursday	6:10 P.M., Night Classes begin
21	Friday	Last day to enroll in classes without paying late registration fee
26	Wednesday	Last day to enroll or drop courses

OCTOBER

20	Saturday	Founders Day Activities
24	Wednesday	Founders Day Special Program

NOVEMBER

2	Friday	Mid-Quarter grades due
20	Tuesday	Thanksgiving Recess begins after last class
26	Monday	8:00 A.M., Classes begin following recess

DECEMBER

11-13	Tuesday- Thursday	Final examinations, Fall Quarter
14	Friday	Christmas Recess begins

WINTER QUARTER 1963

JANUARY

- | | | |
|---|-----------|---|
| 2 | Wednesday | Registration, Day Classes |
| 3 | Thursday | Day Classes begin; registration, night classes |
| 4 | Friday | Last day to enroll without penalty |
| 8 | Tuesday | Night Classes begin; last time to enroll without penalty, night classes |
| 9 | Wednesday | Last day to drop courses or enroll, Day and Night Classes |

FEBRUARY

- | | | |
|-------|------------------|-------------------------|
| 8 | Friday | Mid-Quarter grades due |
| 19-22 | Tuesday-Thursday | Religious Emphasis Week |

MARCH

- | | | |
|-------|------------------|---|
| 19-21 | Tuesday-Thursday | Final examinations, Winter Quarter |
| 21 | Thursday | Spring vacation begins after examinations |

SPRING QUARTER 1963

MARCH

- | | | |
|----|----------|---|
| 25 | Monday | Registration |
| 26 | Tuesday | Classes begin, Day College; registration, night classes |
| 28 | Thursday | Night Classes begin |
| 29 | Friday | Last day to enroll without penalty |

APRIL

- | | | |
|------|---------------|------------------------------------|
| 3 | Wednesday | Last day to drop courses or enroll |
| 1- 5 | Monday-Friday | Fine Arts Festival |
| 26 | Friday | Mid quarter grades due |

MAY

- | | | |
|----|-----------|------------------|
| 4 | Saturday | Homecoming Day |
| 22 | Wednesday | Honors Day |
| 29 | Wednesday | Senior Class Day |

JUNE

- | | | |
|------|------------------|---|
| 5- 7 | Wednesday-Friday | Final examinations, Spring Quarter |
| 9 | Sunday | Commencement Exercises, Sunday, 4:00 P.M. |

INTRODUCTION TO ATHENS COLLEGE

LOCATION

The City of Athens, in which Athens College is located, is half-way between Nashville and Birmingham, in a beautiful section of Alabama. Athens is the county seat of Limestone County and is served by the Louisville and Nashville Railroad and by modern bus lines on highways 31 and 72.

HISTORICAL STATEMENT

In 1822, three years after the admission of Alabama into the Union, the citizens of Athens bought five acres of land, erected a building, and established Athens Female Academy. Twenty years later the people of Athens raised a ten thousand dollar endowment and expanded the Academy into a four year college.

In January 1843 the legislature of Alabama granted a charter incorporating the Athens Female Institute of the Tennessee Annual Conference of the Methodist Church. When the North Alabama Conference was organized in 1870 the property was transferred to the North Alabama Conference.

The institution became co-educational in 1931, and subsequently the name was changed to Athens College. One of the oldest institutions in the South, Athens College has continued its program without interruption through epidemics, depressions, and wars. Notably did the College continue its classes while Athens was under siege from the Federal troops during the Civil War. From the second floor windows of historic Founders Hall the students were able to watch the Battle for Athens in progress. Though the town was under Union occupation, the College property sustained no damages and the student life continued unmolested.

Athens College has had twenty-three presidents since its founding. Men and women of moral stature and wisdom have guided it from the beginning. As an institution of the church, she has sent missionaries into mission fields around the world. Many of her graduates are leaders in religion, education, and business.

BUILDINGS AND GROUNDS

FOUNDERS HALL—This building, started in 1842 and finished in 1844, presents a beautiful front, having four magnificent Ionic columns which the students have named, Matthew, Mark, Luke and John. A large reception parlor, student lounge, guest suites, and other rooms

are located in the original part of the building. Three wings have been added to the building and provide space for classrooms, administrative offices, library, students' rooms, kitchen and dining room. The Department of the Interior of the United States has listed Founders Hall in the Historic Survey of Buildings to be preserved at all costs.

BROWN HALL—Built in 1909 as a memorial to Miss Sarah Frances Brown, this building with its Corinthian columns serves as the residence for the College students. Recently Brown Hall has been completely remodeled as a phase of the development program of the College.

McCANDLESS HALL—Erected in 1912 by local citizens and the North Alabama Conference of the Methodist Church, this building is a memorial to a former director of music, Miss Kate Leslie McCandless. The building has a large auditorium, equipped with a pipe organ and a stage, and seats approximately five hundred. Studios and practice rooms are provided for the art and music departments. The Visual Aids Room and the College Book Store are also located in the basement of this building.

SANDERS HALL—A three-story brick dormitory, with steam heat and running water in each room, was built in 1924 as a memorial to W. T. Sanders, former president of the board of trustees. The dormitory accommodates eighty-six boys, with each floor having three baths, showers, kitchenette facilities, and a small laundry room. Four attractive parlors grace the first floor of the dormitory.

LIBRARY—The Athens College Library, a two-story brick building erected in 1946, adjoins Founders Hall. The book collection now totals about 25,000 volumes with annual additions averaging 2,000. Over 200 periodicals are received through purchase and gift subscriptions.

Efforts are made to make the library an integral part of the student's life. Books and periodicals in the open stacks are available to all students. Instruction is given to the freshmen on: the organization of the library, the use of reference books, the card catalog, the **READER'S GUIDE TO PERIODICAL LITERATURE** and the best source materials in each area of study of the liberal arts program. Materials unavailable at Athens College may be borrowed from other libraries on the inter-library loan plan.

During 1955-1956 definite steps were taken toward building a collection of local historical interest, including letters, manuscripts, and other materials.

A valuable and extensive collection of scientific books and journals are part of the Science Division library. This collection was donated from the private library of Dr. Emmett B. Carmichael of Birmingham.

PHYSICAL EDUCATION BUILDING AND ANNEX—Erected in 1918 through the efforts of students and the trustees, this building

has a gymnasium which is used for the physical education classes and a swimming pool. The office of the Director of Physical Education is located in this building. The swimming pool is heated. The Annex contains a large classroom in addition to an equipment storage room and the office of the Athletic Coach..

The college has a large Athletic Field and clay tennis courts.

COLLEGE DINING HALL—The kitchen and dining room, located on the first floor of Houston Hall, are modern and spacious. The preparation of the food is under the direction of a trained dietitian.

INFIRMARY—Located in Houston Hall, the infirmary is in charge of the Dean of Students. Minor illness is treated without charge, but the actual cost of protracted illness must be met by the student.

HOUSTON HALL—A three-story brick building includes the college dining hall on the first floor and living quarters for women faculty members and women students on the second and third floors.

N. H. WATERS SCIENCE BUILDING. The N. H. Waters Science Building houses the science laboratories, and provides additional office and classroom space. The building is one of the most modernly equipped science buildings in the region.

STUDENT CENTER—The Student Center is located in the basement of Naylor Hall. The center offers recreation facilities, and provides a snack bar.

ADDITIONAL BUILDINGS—The college owns a number of faculty homes and apartments, and several temporary buildings which are used for various purposes.

STUDENT LIFE

All student activities other than the academic program are under the supervision of the Dean of Students. Student organizations must be authorized by and operate under the supervision of the faculty and administration. The Committee on Student Life, composed of faculty and student members, is designed to promote student welfare on the campus.

STUDENT GOVERNMENT

The Student Government Association, authorized by the College administration, embraces the entire student body. Based upon democratic procedure, the association places responsibilities for the enforcement of regulations and for the safeguarding of standards upon the individual. The association encourages community cooperation and the development of good citizenship.

ACTIVITY FEE

A fee of \$6.00 per quarter is charged each student. This money is used in meeting the expenses involved in the conduct of student publications, musical, religious, and dramatic organizations, social events, athletic contests, and other student activities.

ATHLETIC PROGRAM

Athens College participates in intercollegiate basketball and baseball competition.

Opportunities are provided for participation in a variety of intramural activities, both individual and team sports.

A well-rounded recreational and intramural program is planned to fill the needs of all students, both men and women.

ELIGIBILITY TO REPRESENT THE COLLEGE

Students must have passed all courses taken during the previous quarter with an overall C average and must be doing satisfactory work in all their courses during the current quarter.

A student must also possess a satisfactory conduct record.

SPORTS AND RECREATIONAL ACTIVITIES

Athens College offers a wide variety of sports and recreational activities for both students and faculty.

Organized recreational activities are planned and carried out by the Men's and Women's Intramural association and the Department of Health, Physical Education and Recreation.

Intramural competition for men includes touch football, basketball, softball. Intramural competition for women includes volley-ball, basketball, softball.

Individual competition in tennis, archery, badminton, ping pong, horseshoes and swimming is open to all students throughout the year in campus-wide tournaments.

In the late spring an Awards Day is held at which time all tournament winners are recognized and given awards.

A trophy is presented to the group which has compiled the largest number of intramural activity points for the current year.

RELIGIOUS LIFE

Students are urged to identify themselves with one or more of the groups organized for the development of religious life at Athens College. The religious life of students is under the general super-

vision of the Student Christian Association, a body composed of representatives from the student body.

STUDENT CHRISTIAN ASSOCIATION—This association is the chief religious organization of the college. Weekly vesper services, morning watch, and the annual Religion in Life Week are sponsored by the Student Christian Association.

MINISTERIAL ASSOCIATION—This is an organization composed of those students who are entering full-time Christian service. The constitution of the organization provides that those students who are Church School teachers and superintendents of Church Schools may become members.

PI TAU CHI—This is an honorary religious society which extends invitations to those students who merit recognition for participation in campus and off-campus religious activities. The Alpha Beta Chapter of Pi Tau Chi "taps" those students who qualify for membership during the spring quarter of each academic year.

PUBLICATIONS

THE ATHENIAN—The college newspaper is published by the student body. The official organ of the students of the college, the Athenian provides an opportunity for students interested in journalism to develop in this field.

THE COLUMNS—The yearbook, published annually by the students of the college, presents a pictorial review of the events of the year.

"A" BOOK—The student handbook is published by the Student Government Association for the benefit of the new students.

ALUMNI BULLETIN—This bulletin is published quarterly by the Alumni Association of Athens College.

ATHENS COLLEGE BULLETIN—An official bulletin of the College is published quarterly; the January issue is the catalog number. This bulletin is sent free on request.

COLLEGE RADIO AND TELEVISION PROGRAMS

The College presents radio and television programs over area stations, under the direction of the Committee on Community Service. Students are encouraged to participate in these programs.

MUSICAL ORGANIZATIONS

ATHENS COLLEGE SINGERS—This is the major choral organization on campus. It performs a wide variety of choral literature

from both the sacred and secular fields, in concerts both on the campus and throughout North Alabama.

ENSEMBLES—Opportunity is given on an informal basis for participation in small musical ensembles, both instrumental and vocal.

DRAMA

THE ATHENS COLLEGE PLAYERS. Dramatic activities on the campus are centered in The Athens College Players, a producing group open to all students interested in acting and stagecraft. The workshop plan offers an excellent dramatics laboratory. One-act plays, some student directed, are produced frequently. At least two major productions are presented, one in the first quarter and one in the third quarter.

Delta Psi Omega—Student members of the Athens College Players who meet the requirements of sustained activity in the college dramatics program may qualify for membership in Delta Psi Omega. The Athens College Chapter maintains a strong membership in this largest of national dramatic fraternities. Membership is earned through acting or work in stagecraft.

SIGMA TAU DELTA

The Sigma Tau Delta English Fraternity was founded in 1924, and now has over 80 chapters in the United States. It functions mainly as a writing club for English, Speech, and Journalism students and others who possess ability in creative writing. The fraternity publishes a quarterly literary magazine, *The Rectangle*, as an outlet for the writing done by the chapter members. The Athens College chapter, Kappa Zeta, was installed March 17, 1956.

LYCEUM SERIES

The College provides a series of lectures, concerts, art exhibits, films, and other cultural events throughout the school year for students and the community.

"A" CLUB

Those who have won the coveted varsity "A" in recognition of their prowess and skill on the various athletic teams are eligible for membership in this club.

ALUMNI ASSOCIATION

Athens College has an active Alumni Association, composed of men and women graduates and former students of the College, and an Alumni Secretary.

LIVING ARRANGEMENTS

ROOM RESERVATIONS

Requests for space in the dormitories should be sent with the application for admission and a reservation deposit fee of \$25.00 to the office of the Business Manager. This fee will be retained as a dormitory contingent fee and will be refunded to the student at the end of his residence in the dormitory, provided the room and equipment are left in good condition. No refund of the reservation fee will be made for cancellation after August 1, prior to the opening of the fall quarter or subsequent to the two-week period immediately before the opening of any other quarter.

LIVING ARRANGEMENTS—MEN

Living arrangements on the campus for men are provided in Sanders Hall. Questions regarding reservations, accommodations and other particulars should be addressed to the Business Manager.

LIVING ARRANGEMENTS—WOMEN

All women students who do not live at home will be expected to live in a campus dormitory. At the request of the parents or guardian whose home is out of the city, permission for the student to live in an approved home or with a relative in the vicinity of the college must be obtained from the Administrative Council and the Dean of Students. The College does not however, assume responsibility for women students who live outside the college residence halls.

Inquiries concerning reservations, accommodations and other particulars should be addressed to the Business Manager.

MEDICAL FEE

A medical fee of \$3.00 per quarter, payable at the beginning of the quarter, is charged each student living in a college dormitory. This fee will cover such consultations as the student may wish at the office of the college physician and such calls by the college physician as are deemed necessary.

The College does not accept responsibility for injuries which may be suffered by students in laboratories or classrooms or elsewhere on College property; or in intramural or other athletic contests or in physical education; or in the course of trips or other activities sponsored by the College, either as field trips for instructional purposes or in connection with extracurricular activities.

COLLEGE EXPENSES

The academic year of nine months is divided into three quarters. The rates quoted below are for one quarter. The cost for the regular session of nine months can be found by multiplying a quarter's expense by three. All checks should be made payable to Athens College.

TUITION per quarter, as follows :

For schedule of 13 to 17 quarter hours	\$130.00
Registration fee per quarter	5.00
Note: If a student registers for more than 17 quarter hours, the tuition charges shall be increased \$10 for each quarter hour above 17 quarter hours. If a student registers for less than 13 quarter hours, the tuition charges shall be based on a charge of \$10 per quarter hour.	
Audit of course, per quarter hour	6.00
Testing program fee (freshmen only)	5.00

ROOM AND BOARD per quarter, as follows :

Board	\$130.00
State, County and City Sales Tax	6.50
Room—Sanders, Brown, Houston or Naylor Halls	50.00
Room—New Girls Dormitory	60.00

REQUIRED FEES per quarter :

Medical fee for each boarding student	\$ 3.00
Student activity fee for each student	6.00
Utility fee for each boarding student	5.50

SPECIAL FEE per quarter :

Chemistry Laboratory	\$ 9.00
Physics Laboratory	9.00
Biology Laboratory	9.00
Typing	6.00
Office Machines	6.00
Music (Piano, Pipe Organ, Voice, Violin, or Instrumental Music) two one-half hours lessons per week	50.00
Music, same as above but for one-half hour lesson per week	25.00
Art Supplies	6.00

INCIDENTAL FEES, as follows :

Late registration fee	\$ 5.00
Special examination fee	3.00
Change in schedule	1.00
Transcript of credits (after first request)	1.00
Graduation fee—academic degree and cap and gown fee, graduate record examination	17.50

REQUIRED DEPOSITS: (Dormitory Students only)

*Room deposit to insure against damage or loss of college property	\$ 25.00
Key deposit	2.00

*The reservation of a dormitory room requires an additional deposit of \$25.00.¹ This deposit will serve after admission to cover any damage to campus property. Any balance remaining at the end of a college student's career will be refunded. This room deposit is refunded if the student is denied admission or if a reservation for the first quarter is cancelled before Sept. 1. for the second quarter before December 1. for the third quarter before March 1. ¹A room will be reserved, but the specific one assigned will not be reported until the student arrives in the fall.

TERMS FOR PAYMENT

The bursar's office requires that payment of one full quarter be made in advance at the time of registration. The privilege to pay by installments may be granted only by special application to the Treasurer, and such arrangements should be made prior to the day of registration. A carrying charge of \$5.00 per quarter shall be added to amount of each note of those who pay by the installment plan.

Final examinations will be withheld from students who have any unpaid bills at the beginning of the quarterly examinations.

WITHDRAWAL BEFORE END OF QUARTER

An authorized withdrawal for the purpose of collecting a refund may be granted a student who for any reason finds it necessary to withdraw from school without completing the work for the quarter only under the following conditions:

- (1) The student, or a representative of the student, must apply to the Registrar for permission to withdraw.
- (2) A withdrawal, or "drop" card, shall be filled out showing the course or courses to be dropped, and approved by the Registrar and Academic Dean.
- (3) This card must be presented to the Treasurer to be processed according to rules governing refunds in case of withdrawal.
- (4) A definite date of withdrawal shall be determined by the Registrar and the student and so indicated on the "drop" card. The Treasurer will use the drop date to determine the amount of refund due the student.

REFUND IN CASE OF WITHDRAWAL

If a student files application for withdrawal and is properly authorized to withdraw from college the following percentage of *room* and *board* shall be retained by the college if the student has been enrolled for:

less than $\frac{1}{3}$ of a quarter	40%
more than $\frac{1}{3}$ but less than $\frac{1}{2}$ of quarter	55%
more than $\frac{1}{2}$ but less than $\frac{2}{3}$ of quarter	70%
more than $\frac{2}{3}$ of quarter	100%

If the student is authorized to withdraw from the college the following percentage of *tuition* shall be retained by the college if the student has been enrolled: (all *fees* are retained by the college regardless of when a student withdraws)

on or before last day to enroll.....	25%
from last day to enroll up to three weeks.....	50%
three weeks up to mid-quarter.....	75%
after mid-quarter	100%

STUDENT AID

WORKSHIPS

The college seeks to employ students who need assistance for service jobs on the campus. Such jobs consist of stenographic work in college offices, science laboratory assistance, service in the dining room and kitchen, in the library, the repair shop, and on the campus. Each job is organized on the basis of a specified number of hours per week of service, and the remuneration is 55 cents per hour uniformly for all jobs of student services. Each job is under the supervision of a faculty member or employee who supervises the student's work and makes a weekly time report to the Dean's office. For unsatisfactory work or attitude, or poor grades, the Dean, upon the recommendation of the Committee on Student Aid, may withdraw the assigned job and require a cash payment for the remainder of the quarter.

GRANTS

Ministerial and College Employee Grants—It is the desire of the college to promote a comprehensive religious program on the campus. In line with this policy each Methodist ministerial student who has been approved by his District Conference or Annual Conference is urged to identify himself with the Ministerial Association making every effort to attend its meetings, and in addition to make as many contributions as possible to the religious welfare of the students on the campus.

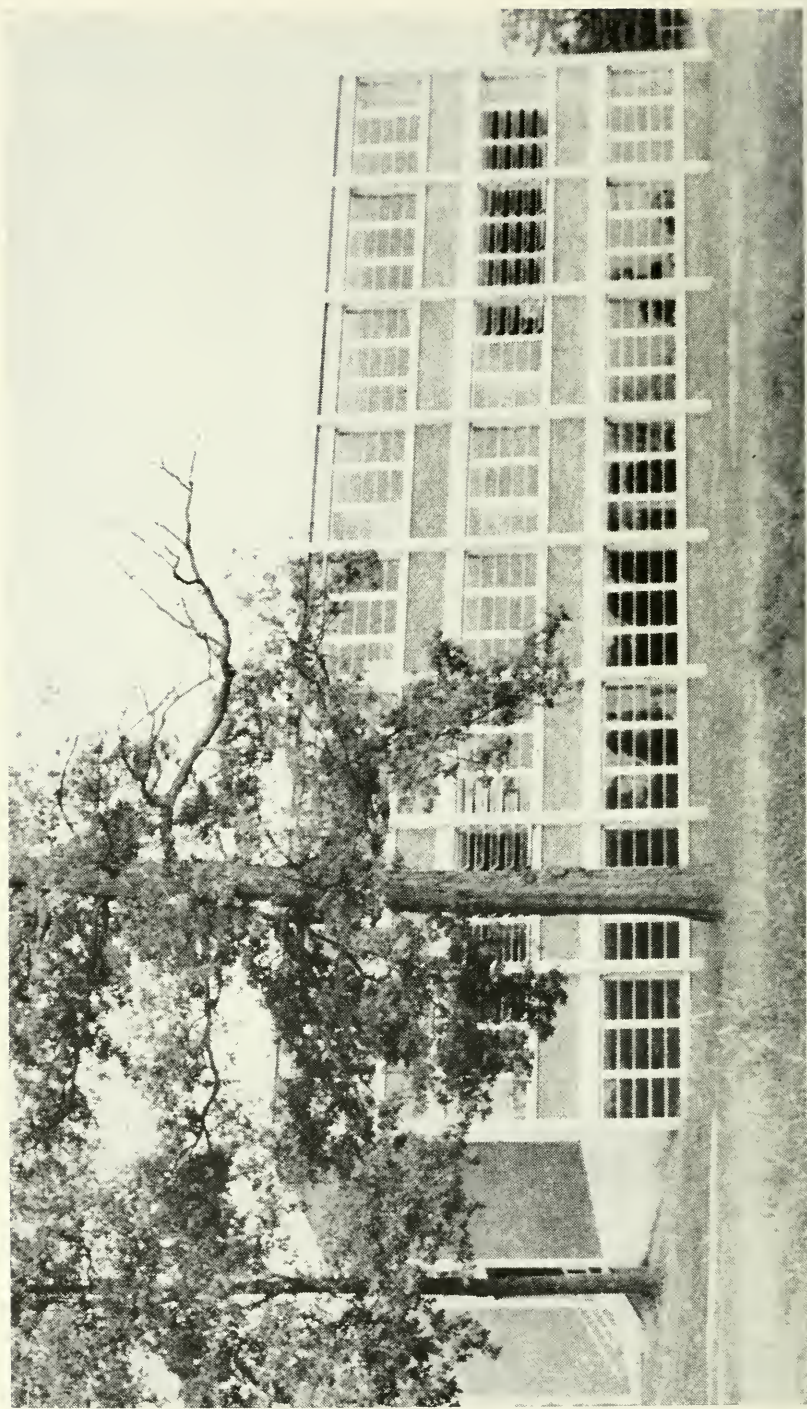
A ministerial grant in the amount of \$50.00 per quarter shall be given to each ministerial student provided he is pursuing the pre-ministerial course of study as listed in the College Catalog or has completed 30 hours in the field of religion at an accredited college other than Athens College: provided that he is a full time student maintaining a grade average of C or better. This grant shall be scaled down if the student is taking less than a normal load of academic work.

The grant of \$50.00 shall be presented to the student at the conclusion of each quarter upon the recommendation of the administration of the college. However, such student must make a note payable to Athens College for that part of this tuition covered in the grant, said note to be payable within three years after graduation from Athens



FOUNDERS HALL

Lecture Rooms, Administrative Offices



N. H. WATERS, SR. SCIENCE HALL

College, or after the student drops out of Athens College and has not identified himself with the program of the church as a full time minister.

In the event the student enters the full-time ministry the note shall become null and void after three consecutive years of service.

A child or the wife of a full time Methodist minister, or of a superannuated minister, in good standing with the Annual Conference, may be allowed a grant of \$50.00 per quarter, provided the student is a full-time student taking 15 quarter hours of work and is dependent on the minister for full support. A child, wife or husband of a faculty member may be allowed a grant of one-half tuition per quarter provided the child, wife, or husband of the faculty member is a full-time student taking 15 quarter hours of work and is dependent on the faculty member. If the child, wife or husband earns more than \$600 per year, no grant shall be allowed. However, in each case, the grant shall not be automatic but shall be granted only through the Student Aid Committee. This Committee shall take into consideration the academic standing of the student, which shall be C or above with no failures, as well as rules dealing with conduct, entrance requirements and all other general requirements of all students who enter Athens College.

GRANTS-IN-AID

Grants-in-aid are given to worthy students who are selected to play on the varsity team in intercollegiate athletic sports. The number and amount of the grants shall be determined by the Athletic Committee and the Director of Athletics.

HONOR SCHOLARSHIPS

Competitive Merit Scholarships

Each spring Athens College holds examinations for the purpose of selecting nine Merit Scholarship winners. The regulations governing the awarding of these scholarships are as follows.

1. All graduating high school seniors from accredited high schools in Alabama and Southern Tennessee are eligible to take the test.
2. The tests will be given in March of each year, announcements of the exact dates will be made in the newspapers and over the radio.
3. Three kinds of scholarships will be awarded. Three scholarships each in the amount of \$150 per quarter; three each in the amount of \$100 per quarter and three each in the amount of \$50 per quarter.
4. Scholarships are awarded for one academic year only.
5. All scholarship winners must achieve a certain proficiency on the tests as prescribed by the College, must meet the entrance requirements of the college, and must be approved by the Dean.
6. In all cases the final authority for the awarding of the scholarships is the Academic Dean of the College.

Wolverine Tube Division of Calumet and Hecla, Inc. Scholarship—The Wolverine Tube Division of Calumet and Hecla, Inc., Decatur, Alabama, awards annually a \$500 scholarship to a junior or senior who is chosen by the faculty of the College on the basis of his academic record, leadership, and moral character.

Geneva A. Smith Scholarship—A fund of \$5,000 was established by the late Mrs. Geneva A. Smith, the income from which provides a scholarship for a student of the Methodist faith residing in Franklin County, Alabama. The faculty of the College selects the student on the basis of need, leadership and moral character.

Madison L. Marshall Scholarship—The Madison L. Marshall Scholarship was set up by the Kiwanis Club of Decatur, Alabama, in memory of the late Dr. Madison L. Marshall, who was a member of the Club, Professor of Chemistry at Athens College, and research chemist at The Chemstrand Corporation of Decatur. This is a scholarship of \$600.00 to be awarded at the rate of \$300.00 per year for two years to an ambitious student of good moral character majoring in the sciences and who is a native of Morgan, Lawrence or Limestone County.

Chemstrand Scholarship—The Chemstrand Corporation of Decatur, Alabama, awards annually a \$500.00 scholarship to a Junior or Senior who has chosen as his major interest the field of Chemistry. The candidate is chosen by the faculty on the basis of his scholastic record, leadership, and moral character.

William A. Shelton Scholarship Fund—An investment donated by Mrs. Jessie B. Holloway, of Gadsden, Alabama, in memory of Dr. William A. Shelton, beloved Methodist Minister and College Professor. The revenue from this investment shall be given some worthy student each year to further his education at Athens College. The student must maintain an average grade of C, or above, in order to qualify for the scholarship.

National Methodist Scholarships—Each scholarship pays all tuition and fees. Awards are made according to terms established by the Division of Higher Education, Department of Educational Institutions of the Board of Education of the Methodist Church.

LOANS

Walter F. Rauschenberg Revolving Loan Fund—The Walter F. Rauschenberg Revolving Loan Fund of \$1,000 was established in 1954 in memory of the late Walter F. Rauschenberg of Decatur, Alabama, by his wife, Mrs. Frances Rauschenberg, and daughter, Miss Helen Rauschenberg, and daughter and son-in-law, Mr. and Mrs. Nicholas Zelinka, to aid worthy students who will be selected for these loans on the basis of need, scholarship, and character. The amount that any one student may borrow from this fund is not to exceed \$200.00 since it is the purpose of the donors to aid as many students as possible.

The Eula Johnson Cooper and John T. Cooper Loan Fund—A fund of \$500.00 was established in 1958 by Mr. and Mrs. John T. Cooper, Hartselle, Alabama, as a loan fund to aid worthy students. The recipient of the loan will secure the loan and repay the money within a reasonable time after having completed work at Athens College. Selection of the recipient shall be determined by the Student Loan and Scholarship Committee.

Phi Sigma Literary Society—The Phi Sigma Literary Society, a campus organization which encourages scholarship, has established a loan fund of \$100 to aid worthy students in the continuance of their education.

Saturday Culture Club—The Saturday Culture Club Loan Scholarship of \$315.00 is available for worthy students who have made a good record during their freshman and sophomore years and who hold promise of future leadership. This fund was established by the Saturday Culture Club of Decatur, Alabama, in 1951.

Delta Kappa Gamma Scholarship Loan Fund—The Omicron Chapter of Delta Kappa Gamma has established a fund of \$200.00 to be loaned to a girl from Limestone County who plans to enter the teaching profession. If no Limestone County girl requests a loan from this fund, any qualified out-of-the-county girl may borrow from the fund.

General Joseph Wheeler Memorial Loan Scholarship—The General Joseph Wheeler Memorial Association has established a loan fund of \$500.00 to be used by a worthy girl who meets the qualifications as outlined by the Scholarship Committee.

Optimist Club Revolving Loan Fund—The Huntsville Optimist Club has established a loan fund of \$300 to be used by a worthy boy from Madison County or from an adjoining county. The student must meet qualifications outlined by the Scholarship Committee.

ADDITIONAL LOAN FUNDS

The Pickett and Hatcher Education Fund—The Pickett and Hatcher Education Fund, 1708 Wynnton Road, Columbus, Georgia, makes loans available to students at low rates of interest.

The General Board of Education, The Methodist Church—The Methodist Board of Education, Nashville, Tennessee makes available loans for members of the Methodist Church who desire financial assistance in continuing their education.

NATIONAL DEFENSE STUDENT LOAN

Athens college is cooperating with the National Defense Education Act which provides for the creation, at American colleges and universities, of loan funds from which undergraduate students may borrow on reasonable terms for the purpose of completing their higher education.

Who is eligible?

Recipients of loans are selected by the college itself. The law requires

that each borrower be a full-time undergraduate or graduate student, that he be in need of the amount of his loan to pursue his courses of study, and he be, in the opinion of his institution, capable of maintaining good standing in his chosen courses of study. The law further provides that special consideration in the selection of loan recipients be given to students with a superior academic background who express a desire to teach in elementary or secondary schools, and whose academic background indicates a superior capacity or preparation in science, mathematics, engineering, or a modern foreign language.

What are the terms of the loans?

A student may borrow in one year a sum not exceeding \$1,000, and during his entire course in higher education a sum not exceeding \$5,000. The borrower must sign a note for his loan, evidencing his obligation and agreeing to interest and repayment terms established by his college or university. The law itself establishes certain basic conditions covering student loans, including a requirement that repayment of the loan began one year after the borrower ceases to be a full-time student and be completed within ten years thereafter. No interest on student loans may accrue prior to the beginning of the repayment schedule and interest thereafter is to be paid at the rate of 3 per cent per year. The borrower's obligation to repay his loan is to be canceled in the event of his death or permanent and total disability.

Cancellation of obligation for public school teachers.

The National Defense Education Act contains a further provision that up to 50 percent of his loan (plus interest) may be canceled in the event the borrower becomes a full-time teacher in a public elementary or secondary school. Such cancellation is to be at the rate of 10 per cent a year up to five years.

Application forms for National Defense Student Loan may be obtained from the Business Manager of the college.

AID APPLICATIONS

All academic scholarships are awarded through application made to the Dean of the College. Such applications should be received at the Dean's office well before the registration dates.

STANDARDS FOR STUDENTS RECEIVING FINANCIAL AID

Only students whose scholarship, training and ability indicate leadership and promise for future usefulness and who have an actual need may be given financial assistance in the form of scholarships, workshops, loans or grants. Students who have been granted financial aid must maintain a stated scholastic standing in order to remain eligible for financial aid.

During the second quarter of the freshman year, a student must have an average of 1.5 to be eligible for continuance of aid the subsequent quarters.

Students receiving financial assistance of any kind from the college may at any time be deprived of that aid if they are negligent in the performance of their duties or if they are careless in their conduct.

THE HENRY BOOK ENDOWMENT FUND

The Henry Book Endowment was established in 1958 in honor of Dr. Waights G. Henry and his wife, Dr. Mary Davis Henry, by their children. Only income from the endowment will be used for book purchases. A suitable book plate identifying the honorees will mark the purchases made possible by the Endowment Fund.

ADMINISTRATIVE REGULATIONS

STUDENT CONDUCT

Athens College has few fixed rules concerning the conduct of its students. Students are expected to act under all circumstances, both on and off campus, as ladies and gentlemen and to adhere to college regulations and traditions. If any student fails to respond to these expectations he will be subject to disciplinary action, and to possible dismissal from the College. The Dean of Students is charged with the responsibility of administering disciplinary matters.

The confidence reposed in the student is considered a part of the educational program of the College. A faculty-student Committee on Student Life promotes student welfare, hears student problems, and in general represents student interests with the various College agencies.

SCHEDULE PERMITTED

A student normally takes seventeen (17) hours of work in a quarter, and no student is permitted to register for more than eighteen quarter hours of work except by permission of the Dean of the College. For night students, a maximum load for a quarter is ten (10) quarter hours and no student is permitted to register for more than ten hours except by permission. To be permitted to register for more than this amount of work, a student will be expected to establish an average of B or better on the preceding quarter's work and to have made an average grade of C on all college work. In the case of a Freshman, a B average will refer to the student's overall high school record.

AUDITED COURSES

Upon the recommendation of his adviser, a student may audit, without credit, a non-laboratory course. An auditor must attend class regularly even though he is not required to take examinations. The student must register for the course in the Registrar's Office and pay an auditor's fee in the Bursar's Office.

CLASS ABSENCES

All excuses for absences from class must be sought from the professor, except those occurring the day before or the day after a holiday. Excuses for these absences should be sought from the Dean.

The faculty has approved the following regulations in regard to unexcused absences: If a student in a class meeting five hours per week has over five unexcused absences, his grade will be lowered by a letter. In a class meeting fewer than five hours per week, the number of absences will be determined proportionately.

If a student has more than ten unexcused absences in a class which meets five hours per week, he will automatically receive an "F" in that course. The number of unexcused absences allowed before a student receives an "F" in a course which meets fewer than five hours per week will be determined proportionately.

Three unexcused tardinesses will be counted as one unexcused absence.

Each unexcused absence on the day before or the day following a holiday will be counted as a double cut.

ATTENDANCE AT ASSEMBLY

Students are provided the privilege and are required to attend regular assembly programs, which normally are held once each week, and additional assemblies on occasion. A student absent from assembly without being excused by the Dean will lose one quality point for each absence in excess of two for the quarter. Assembly programs are as much a part of the college program as are any of the courses.

THE GRADING SYSTEM AND QUALITY POINTS

Grades are reported in letters as follows:

- A—Represents superior work, valued at three quality points for each quarter hour.
- B—Represents good work, valued at two quality points for each quarter hour.
- C—Represents average work, valued at one quality point for each quarter hour.
- D—Represents poor but passing work, valued at 0 quality points.
- F—Indicates failure or that a student withdrew after the 6th week and the withdrawal was avoidable. It carries 0 credits and 0 quality points. The hours of "F" will be counted in figuring quality point standing.
- W—Indicates that a student withdrew during the first six weeks of the quarter or withdrawal was unavoidable. A student cannot at any time after registration withdraw from a course except by permission from the Dean; after the third week of the

quarter, permission must also be secured from the instructor of class.

- I—Indicates that some required work of the course has not been completed. An "I" received at the end of any quarter must be removed before the end of the first six weeks in the sequential quarter in which the student is enrolled or the grade will be recorded as an "F." A student not enrolled in the college for a period of twelve (12) months following the date on which the "I" was received must remove the "I" during that period or it automatically becomes an "F."

DEGREES WITH DISTINCTION

There are three grades of honors designated respectively; *cum laude*, *magna cum laude* and *summa cum laude*. These honors are conferred at graduation upon students who satisfy the following conditions of scholarship:

The honor of *cum laude* is awarded to those students who have earned an average standing of 2.60, with no grades lower than C in all their college work.

The honor of *magna cum laude* is awarded to those students who have earned an average standing of 2.80, with no grades lower than C in all their college work.

The honor of *summa cum laude* is awarded to those students who have earned an average standing of 3.00, with no grade lower than A in all their college work.

In all such cases the disciplinary record and the character of the student must be above reproach. Grades from other schools will be counted in the over-all standing.

THE DEAN'S LIST

The Dean's List is announced each quarter, and includes students who are regular full-time students, carrying at least twelve (12) quarter hours. The First Honor Roll includes those students who have a quality point standing of 3.00; the Second Honor Roll includes those students who have a quality point standing of 2.50. Part-time students carrying at least ten (10) hours with a quality point standing of 2.50 or above are given Honorable Mention.

FACULTY ADVISERS AND GUIDANCE SERVICE

Each student is assigned to a faculty member who will serve as his adviser in academic matters and as counselor in such other areas as may be appropriate. When the student has selected his area of concentration, he may be assigned a new adviser from the appropriate academic division. Each student is invited and expected to confer with his adviser at frequent intervals concerning his academic program and his general welfare in his college experience.

Guidance services are made available by the college in the areas of vocational guidance and emotional and social adjustment. The College uses a series of tests to help determine student interests, aptitude, and general ability; these tests supplement individual interviews and counseling programs.

CLASSIFICATION

A student's classification depends upon the number of quarter hours which he has earned prior to registration.

For classification as :

	Quarter hours Required	Quality Points
Freshman	Fewer than 49	
Sophomore	49	49
Junior	98	98
Senior	145	145

ACADEMIC PROBATION POLICY

1. Any students, whether part-time or full-time, must earn a quality point ratio of one or better on all work done during a quarter up to and including ten quarter hours, or be put on probation the following quarter.
2. No student covered under Rule 1 may remain on probation for a period longer than two quarters.
3. Any student who drops out of college due to inability to remove his probationary status may apply for re-enrollment after the lapse of two quarters or six months. He may then enroll without prejudice, provided he has not attended another institution and failed to achieve a satisfactory status at that institution.

TRANSCRIPT OF RECORD

Students or alumni desiring transcripts of their records should make written request of the Registrar's office well in advance of the time the transcript is needed. Transcripts will be issued as promptly as possible, but during rush periods some delay may be unavoidable.

All financial and other obligations and duties must be satisfactorily discharged before a transcript will be issued. Each student or alumnus is furnished without charge with one copy of his record. A transcript fee of \$1.00 is charged for each copy beyond the first.



McCANDLESS FINE ARTS BUILDING



BROWN HALL

Girls' Dormitory

REQUIREMENTS FOR ADMISSION

Athens College desires to fit each new student into the courses he needs, as far as possible. The college also desires to admit only those graduates from accredited high schools who have the training, ability, and interest indicating that they will be successful in college.

An applicant for admission should file with the Registrar as early as possible in the year preceding the date of entrance the following papers: (1) Application, (2) Photograph, (3) Transcript of credits, (4) Physicians statement, (5) Two character references. These forms may be secured from the Registrar's Office on request.

High School graduates who wish to be admitted to the Freshman Class must meet one of the first two, and the third of the following standards:

1. Graduation from an accredited four-year high school with a minimum of 15 units of credit, an overall average of "C," and or meet the standards set up by the college on the American College Tests.
2. Graduation from an accredited three-year high school (6-3-3 plan) with a minimum of 12 units of credit, an overall average of "C," and or meet the standards set up by the college on the American College Tests.
3. A graduate from a four-year accredited high school must have received credit of at least fifteen units, three of which must be in English, and at least six (6) in the following fields:
 - Foreign Languages
 - History
 - Mathematics (algebra, geometry, trigonometry, calculus)
 - Natural Sciences (biology, general science, chemistry, physics)
 - Social Sciences (civics, democracy, economics)

A graduate from a three-year accredited high school must have at least twelve units, three of which must be in English, and at least five in the fields listed above.

Graduates from a non-accredited high school must take and pass a qualifying entrance examination.

4. Mature men and women who have not completed high school may take the United States Armed Forces Institute Test of General Educational Development (GED). A minimum average score of 45 is required with a minimum of 40 on any one test.

TRANSFER STUDENTS

A student who wishes to transfer to Athens College from another college or university must apply to the Registrar before the opening of a term, and must provide the Registrar with: (1) Transcript of all credits previously earned, (2) Two letters of recommendation as to personality and character, (3) A health certificate, (4) A small photograph.

No transfer student will be accepted for admission to Athens College unless he is eligible to return to the institution from which he wishes to transfer. Furthermore, if any such transfer student is under any restrictions at the institution from which he wishes to transfer, equal or more severe restrictions will be imposed upon him at Athens College. A transfer student must have an average of at least "C" on all credits accepted.

No credit will be given on "D" courses in the Major Area even though the average grade on all credits submitted for transfer be "C" or above.

No more than 98 quarter hours of credit may be accepted from an accredited junior college toward graduation.

A student admitted from another college is required to earn an average of "C" or better at Athens College and an over-all average of "C" in all work at all colleges attended before graduation is permitted.

The Registrar will send a letter of admission to each applicant who has met all requirements. A student who wishes to live in the college dormitory should notice that the letter of acceptance does not include a reservation for a room. Room reservation must be applied for to the Business Office of Athens College.

Athens College does not award a degree to any student who has not earned a minimum of 45 quarter hours of credit in residence. These 45 hours must be earned during the year previous to the date of graduation.

SPECIAL STUDENTS

Mature students who do not meet the requirements for admission as regular students may be admitted as special students provided there is evidence of ability to pursue the courses desired. Such students are not eligible for a degree.

REGISTRATION

All students are expected to register on official Registration days or at designated pre-registration times. Information concerning official Registration days may be found in the college calendar.

The college reserves the right to discontinue any class if fewer than seven (7) students are enrolled in it at the end of the Registration period.

ARRANGEMENT OF SCHEDULE

Each student is expected to arrange his course of study in consultation with his faculty adviser and the head of the division in which he plans to major; or, during official registration days, with special advisers appointed for his guidance. Each student should consult his adviser during each quarter.

REQUIREMENTS FOR DEGREES

Athens College offers three undergraduate degrees: Bachelor of Arts, Bachelor of Science, and Bachelor of Science in Education.

The degree of Bachelor of Arts is awarded to students who satisfactorily complete the following requirements and regulations.

BACHELOR OF ARTS

REQUIREMENTS

English	10 quarter hours
Fine Arts (2 departments).....	10 quarter hours
Literature	15 quarter hours
Foreign Language	15 quarter hours of one language or equivalent
Mathematics	10 quarter hours or equivalent
Old and New Testament, (Rel. 220 & 221).....	10 quarter hours
*Physical Education.....	6 quarter hours
Science	15 quarter hours
Social Science	10 quarter hours
TOTAL	101 quarter hours or equivalent

*Activity courses not required of students 25 years of age or over or physically disabled.

REGULATIONS

A student must satisfactorily complete the following regulations:

1. A student must select an area of concentration from either the Division of Humanities or the Division of Social Sciences. From the Division he chooses, he must select a core subject or its equivalent plus related subjects. He must earn a minimum of 70 quarter hours in the area of concentration he selects; he must earn a minimum of 30 quarter hours in the core of major subject he selects; and he must satisfy the requirements for the Division.
2. A candidate must complete a total of 195 quarter hours (not more than twelve of which may be credits for choir and physical education activities) and must establish a quality point ratio of 1.00.
3. A candidate must complete at least the final forty-five (45) quarter hours at Athens College.
4. A minimum of sixty (60) quarter hours must be taken in courses of a junior or senior grade.
5. No more than thirty (30) quarter hours may be taken in extension

and/or correspondence credits from a recognized college or university and be applied toward graduation.

6. All financial obligations to the Bursar's Office and all other commitments must be satisfactorily discharged.
7. A graduation fee of fifteen dollars (\$15.00), including cap and gown rental, which is due by May 1 of the academic year in which the degree is to be granted, is charged each applicant for a degree.

BACHELOR OF SCIENCE

The degree of Bachelor of Science is awarded to students who satisfactorily complete the following requirements and regulations:

REQUIREMENTS

English	10	quarter hours
Literature	10	quarter hours
*Mathematics.....	20	quarter hours or equivalent
Foreign Language	15	quarter hours of one language or equivalent
Old and New Testament, (Rel. 220 & 221).....	10	quarter hours
**Physical Education.....	6	quarter hours
Science	20	quarter hours
Social Science	10	quarter hours
TOTAL	101	quarter hours or equivalent

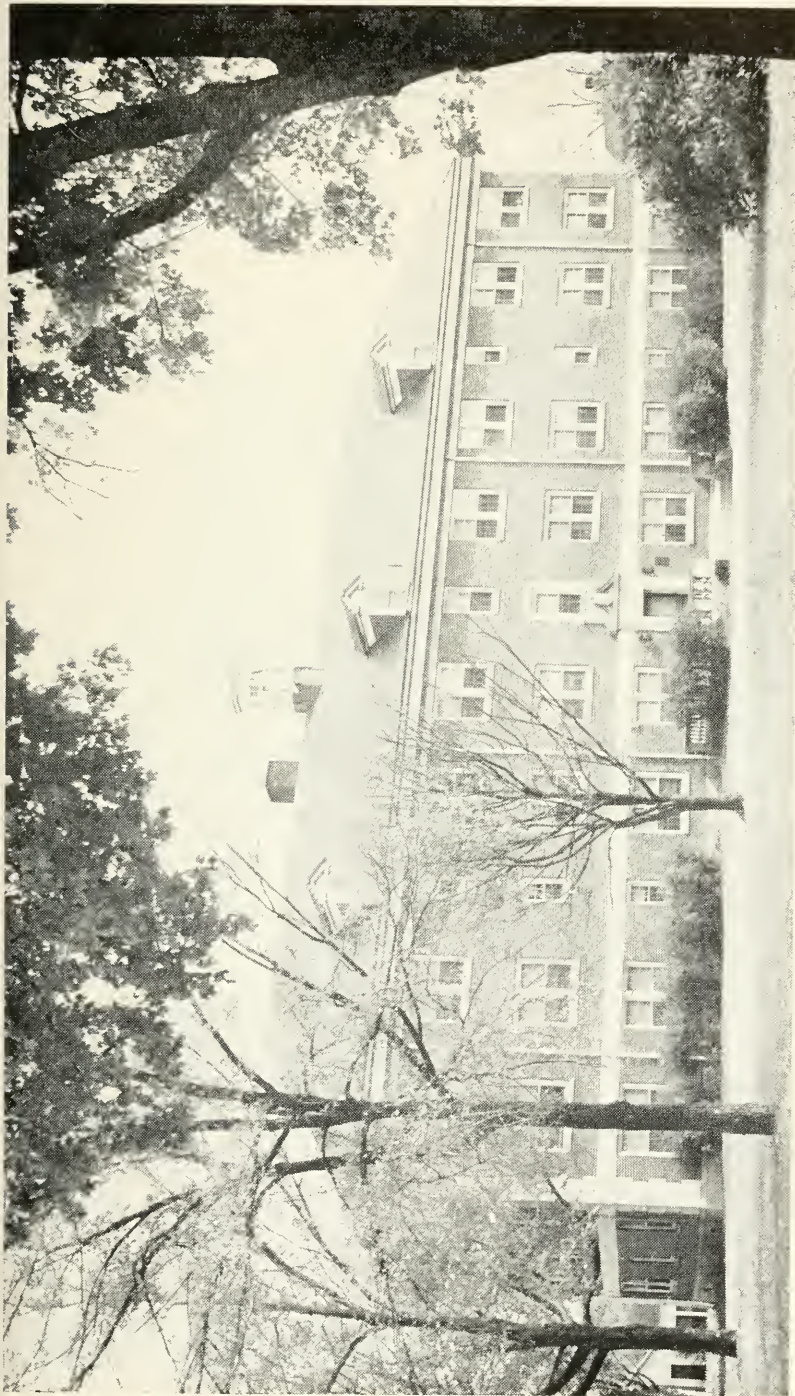
*Students majoring in business administration may take ten of these hours in business courses.

**Activity courses not required of students 25 years of age or over or physically disabled.

REGULATIONS

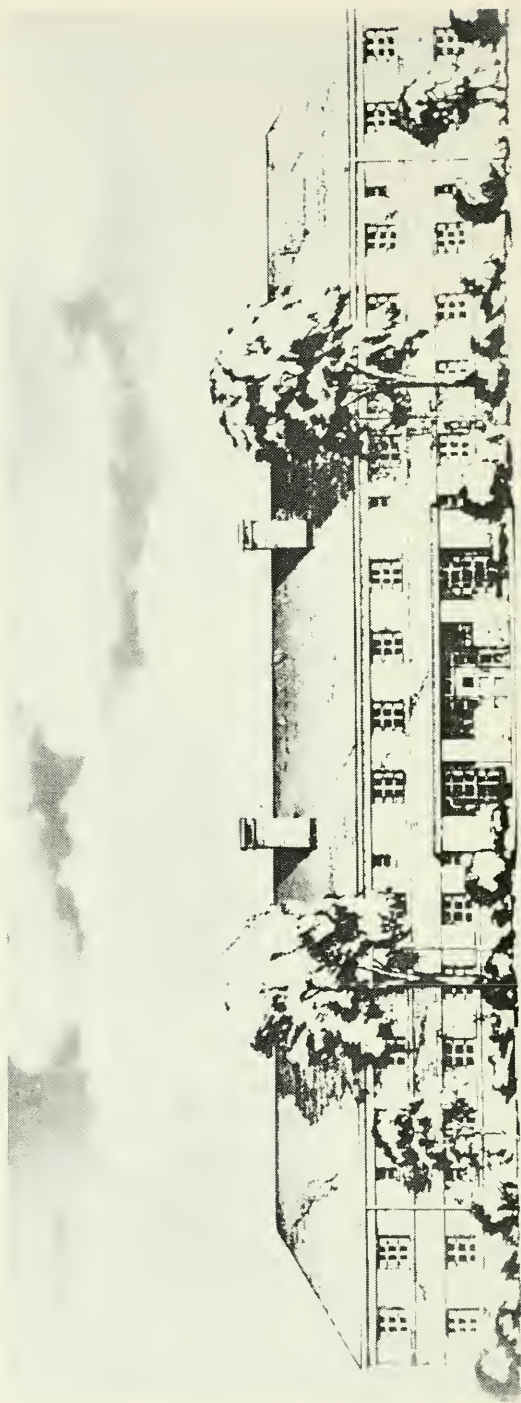
A student must satisfactorily complete the following regulations:

1. A student must select an area of concentration from either the Division of Science and Mathematics or the Division of Social Science. From the Division he chooses, he must select a core subject or its equivalent plus related studies. He must earn a minimum of 70 quarter hours in the area of concentration he selects; he must earn a minimum of 30 quarter hours in the core or major subject he chooses; and he must satisfy the requirements of the Division for the Degree.
2. A candidate must complete a total of 195 quarter hours (no more than twelve of which may be credits for choir and physical education activities) and must establish a quality point ratio of 1.00.
3. A candidate must complete at least the final forty-five (45) quarter hours at Athens College.
4. A minimum of sixty (60) quarter hours must be taken in courses of a junior or senior grade.



SANDERS HALL

Boys' Dormitory



New girls' dormitory expected to be completed for occupancy by fall of 1962

5. No more than thirty (30) quarter hours may be taken in extension and/or correspondence credits from a recognized college or university and be applied toward graduation.
6. All financial obligations to the Bursar's Office and all other commitments must be satisfactorily discharged.
7. A graduation fee of fifteen dollars (\$15.00), including cap and gown rental, which is due by May 1 of the academic year in which the degree is to be granted, is charged each applicant for a degree.

BACHELOR OF SCIENCE IN EDUCATION

The degree of Bachelor of Science in Education is awarded to students who satisfactorily complete the following requirements and regulations:

REQUIREMENTS

English	10 quarter hours
Fine Arts (2 departments).....	10 quarter hours
Literature	10 quarter hours
Old and New Testament, (Rel. 220 & 221).....	10 quarter hours
Psychology	10 quarter hours
*Physical Education.....	6 quarter hours
Science	15 quarter hours
Social Science	15 quarter hours
Education	15 quarter hours
TOTAL	101 quarter hours

*Activity courses not required of students 25 years of age or over or physically disabled.

REGULATIONS

A student must satisfactorily complete the following regulations:

1. A student must select a major and a minor from two related departments in the college. For his major he must satisfy the requirements of the department. He must earn at least 27 quarter hours in his minor.
2. No student will be awarded the B.S. in education degree, unless at the same time he has met the requirements for a class B teachers certificate, elementary or secondary.
3. A candidate must complete at least a total of 195 quarter hours (not more than twelve of which may be credits for choir and physical education activities) and must establish a quality point ratio of 1.00.
4. A candidate must complete at least the final forty-five (45) quarter hours at Athens College.
5. A minimum of sixty (60) quarter hours must be taken in courses of a junior or senior grade.

6. No more than thirty (30) quarter hours may be taken in extension and/or correspondence credits from a recognized college or university and be applied toward graduation.
7. All financial obligations to the Bursar's Office and all other commitments must be satisfactorily discharged.
8. A graduation fee of fifteen dollars (\$15.00), including cap and gown rental, which is due by May 1 of the academic year in which the degree is to be granted, is charged each applicant for a degree.

ORGANIZATION FOR INSTRUCTION

The academic program of the College is administered through four divisions: Humanities, Business and Social Science, Science and Mathematics, and Education. To meet the requirements for graduation a student elects a division as his area of concentration, and chooses a major subject within that division. As requirements vary with each division and subject matter field, the student is urged to plan his program in consultation with his faculty adviser.

For administration and instructional purposes the various subject areas have been arranged by related fields into divisions as follows:

DIVISION OF HUMANITIES

Art
English Language and Literature
Foreign Languages
Music
Philosophy
Religion
Speech and Drama

DIVISION OF BUSINESS AND SOCIAL SCIENCE

Accounting
Business Administration
Economics
History
Political Science
Secretarial Science
Sociology

DIVISION OF EDUCATION

Elementary School Education
Secondary School Education
Psychology
Health and Physical Education

DIVISION OF SCIENCE AND MATHEMATICS

Biology
Chemistry
Engineering Drawing
Mathematics
Physics

NUMBERING SYSTEM: Courses ordinarily taken by freshmen are numbered 100-199; those intended for sophomores, 200-299; those usually taken by juniors, 300-399; and those planned for seniors, 400-499.

The continuation of a course for two or more quarters is indicated by listing two or more numbers for the courses. Separation of these numbers by a comma indicates that the course may be entered either quarter. Separation by a hyphen indicates that the course must be entered the first quarter. Credit is allowed for the successful completion of one quarter's work in a continuous course of either type.

FREQUENCY OF OFFERING COURSES LISTED

Some of the courses listed in the catalog are not offered every year. Those courses with an AY in parentheses after the course description are offered every other year or upon special request. All other courses are offered each year.

DIVISION OF HUMANITIES¹

A student who elects the Humanities as an area of concentration must complete at least seventy quarter hours of work in the area.¹ These seventy hours should comprise a major subject of at least forty hours, as recommended under the heading of the subject, plus sufficient hours in at least two related fields of study to total seventy hours. Ten of the non-major hours may be selected from fields outside of the Division, provided they are related significantly to the major subject. It is required that at least half of the seventy hours of the field of concentration be selected from courses in the 300 to 499 levels.

¹Students working for a Class B Secondary Certificate need to complete requirements for a major only.

ART

Those electing art as a major subject in the Division of Humanities must complete 40 quarter hours of art. The required courses are: Art 301, Art 302, Art 201, Art 304, Art 202, Art 203, Art 401, Art 404 or Art 406, Art 403, Art 402, 6 additional hours in art.

Art 201. Art Appreciation. The study of the space arts for the development of criteria for judgment and the enjoyment of art expression, with a brief survey of major art styles of cultures as a background for the understanding of contemporary art. No prerequisite.

Five hours

Art 202. Survey of Art History. A survey of the historical development of painting, sculpture, architecture, and the minor arts of the West with significant examples from prehistoric times to the Renaissance. No prerequisite.

Three hours

Art 203. Survey of Art History. A continuation of Art 202 from the Renaissance to the present. No prerequisite.

Three hours

- Art 301. Elements of Design.** A studio course presenting the elements of design using a variety of media. No prerequisite. Three hours
- Art 302. Drawing.** Studio classes in a variety of media; emphasis is on composition and development of skill of the eye and the hand with the attention to drawing as a means of expression. No prerequisite. Three hours
- Art 303. Lettering.** Development of sufficient skill with the pen and brush to letter, quickly and effectively, showcards, announcements, and posters. No prerequisite. Three hours
- Art 304. Oil Painting I.** An introduction to oil painting with the purpose of learning the essentials of the medium and problems of composition with still-life and landscapes. No prerequisite. Three hours
- Art 305. Watercolor Painting.** A study of opaque and transparent water color. No prerequisite. (AY) Three hours
- Art 306. Art for Elementary Teachers** (See Division of Education). No prerequisite. Three hours
- Art 307. Sculpture.** A studio course in three-dimensional work using a variety of media, including clay, plaster, metal, and wood. Prerequisite—Art 301, Art 302, or consent of instructor. (AY) Three hours
- Art 401. Oil Painting II.** A continuation of Art 304 with further study of composition and the abstract approach to painting. Prerequisite—Art 304. Three hours
- Art 402. Advanced Design.** An advanced course in design with emphasis placed on the problems and techniques of commercial art. Prerequisite—Art 301 or consent of the instructor. (AY) Three hours
- Art 403. Oil Painting III.** A continuation of Art 401 designed to meet individual needs and interests in painting. Prerequisite—Art 401. Three hours
- Art 404. Survey of American Art.** A survey of historical development of American art from colonial times to the present. No prerequisite. (AY) Five hours
- Art 405. Advanced Oil Painting I.** Experimental techniques are used and special problems will be assigned. Prerequisite—Art 403. Three hours
- Art 406. Survey of Modern Art.** A course with special attention placed on the problems peculiar to the art of the 19th and 20th centuries. No prerequisite. (AY) Five hours
- Art 407. Advanced Oil Painting II.** A continuation of Art 405. Prerequisite—Art 405. Three hours
- Art 408. Advanced Oil Painting III.** A continuation of Art 407. Prerequisite—Art 407. Three hours

ENGLISH

Ten quarter hours in Freshman English are required of each student. Those electing English as a core subject in an area of concentration in the Humanities must complete at least forty (40) quarter hours in English above Freshman English. English 211, 212, 315, 316, 421, and 424 or 425 are required for core work in English and should be given preference in the student's program. No more than a total of fifteen (15) quarter hours credit in speech and drama, may be counted toward a core in English. A maximum of ten (10) quarter hours credit in any one of these two areas may be counted.

English 101-102. Freshman English. Review of grammar, spelling, and punctuation; practice in writing compositions; and study of various types of literature.

English 211-212. Survey of English Literature. An interpretive survey of English prose and poetry. The first part of the course extends from Beowulf through the seventeenth century; the second, from the eighteenth century to the present.

Five hours each

English 245. Technical Writing. Business writing. Study of the types of letters and reports in engineering. Practice in their preparation. Consideration of the qualities found in engineering papers. Prerequisite 15 hours of English. (AY)

Three hours

English 301. Literature for Children. (See Division of Education)

Four hours

English 315-316. American Literature. A survey of American prose and poetry. The first part of the course extends from colonial beginnings to Oliver Wendell Holmes; the second part from Walt Whitman to the present.

English 322. English Grammar for Teachers. (See Division of Education)

Five hours

English 323. English Romanticism. A study of the poetry of Wordsworth, Coleridge, Byron, Shelley, and Keats, and reading in the prose work of Lamb and Hazlitt. (AY)

Five hours

English 331. Victorian Literature. A study of the poetry of Tennyson and Browning with representative selections from the minor poets of the period, and selected reading in the prose work of Carlyle, Newman, Arnold, and Ruskin. (AY)

Five hours

English 332. The British Novel. The stages of development from Samuel Richardson to the present are studied through the reading and discussion of representative novels. (AY)

Five hours

English 333. The American Novel. A survey of representative novels from 1789 to the present time, with emphasis upon recent developments in the field. (AY)

Five hours

English 341. Southern Literature. Analysis of selected writings from Byrd to Faulkner, with emphasis upon recent contributions of Southern writers of American fiction, poetry, and criticism.

Five hours

English 411. Literature of the Seventeenth Century. A study of representative prose and poetry, with particular attention given to Donne, Herbert Milton, Marvell, and Bunyan. (AY)

English 412. Literature of the Eighteenth Century. The principal authors in prose and poetry from Pope to Wordsworth are studied against the social background of the period. (AY)

Five hours

English 421. Creative Writing. Practice in writing various types of prose. Emphasis upon creative expression; extensive criticism of all longer selections. Required reading and conferences.

Five Hours

English 423. Recent British and American Poetry. Designed to acquaint the student with the major directions of poetry from 1890 to the present time. Some attention is given to the relation of modern poetry to contemporary criticism. (AY)

English 424-425. Shakespeare. An introduction to the Elizabethan age and theater and an intensive study of representative comedies, histories, and tragedies.

Five hours each

English 426. Comparative Drama. A survey of dramatic literature from Aeschylus to Ibsen, tracing the tragic and comic traditions forming the bases for modern drama. (AY)

English 451. Contemporary Drama. A survey of dramatic literature from Ibsen to Tennessee Williams, with emphasis on forms developed during the twentieth century. (AY)

English 452. Chaucer. An introduction to Middle English grammar and pronunciation and a study of *Canterbury Tales*. (AY)

FRENCH

A student who proposes to make French the core of an area of concentration must complete at least thirty quarter-hours of French more advanced than French 112.

French 111-112. Elementary French. Basic vocabulary, pronunciation, essential grammar, and sentence structure.

Five hours each

French 113. Intermediate French. A continuation of French 112, giving a broader vocabulary and more advanced grammar, including composition and the reading of suitable texts. Prerequisite: French 112 or its equivalent.

Five hours

French 211, 212, 213. French Novel and Short Story. Selections of moderate difficulty from the eighteenth, nineteenth, and twentieth centuries. Prerequisite: French 113 or the equivalent. (AY)

Three hours each

French 311, 312, 313. Modern French Drama. Important dramatic works chosen from the writers of the nineteenth and twentieth centuries. (AY)
Three hours each

French 321, 322, 323. French Drama of the Seventeenth Century. Selected plays of Corneille, Racine, and Moliere.
Three hours each

French 413-414. French Phonetics and Diction. A detailed study of the pronunciation of standard French.
Two hours each

GERMAN

German 111-112. Elementary German. Courses in basic vocabulary, pronunciation, essential grammar, and sentence structure. Oral and written exercises in translating German into English, and English into German.
Five hours each

German 113. Intermediate German. A continuation of German 111 and 112 with special attention to broader vocabulary that would be useful for students working in the sciences. Prerequisite: German 112.
Five hours

German 114. Scientific German. Readings in Chemistry, Physics, and Biology. Recommended for pre-medical students and science majors. Prerequisite: German 113.
Three hours

GREEK

Greek 111-112-113. Elementary Greek. The essentials of Greek grammar and syntax; selections from various Greek authors.
Five hours each

LATIN

Latin 111-112-113. Elementary Latin. Fundamentals of grammar and syntax; selections from various Latin authors.
Five hours each

SPANISH

Spanish 111-112. Elementary Spanish. Basic vocabulary, pronunciation, essential grammar, and sentence structure.
Five hours each

Spanish 113. Intermediate Spanish. Continuation of Spanish 111-112, broader vocabulary, more advanced grammar and composition, reading of suitable texts. Prerequisite: Spanish 112 or equivalent.
Five hours

Spanish 211, 212. Modern Spanish Novel. Selected works of the important writers of the nineteenth and twentieth centuries. Prerequisite: Spanish 113 or the equivalent.
Three hours each.

Spanish 221, 222. Modern Spanish Drama. Selected works of the important writers of the last hundred years. Prerequisite: Spanish 113 or the equivalent.
Three hours each

Spanish 311, 312, 313. Spanish-American Literature. Selected works of the best Spanish-American writers.

Three hours each

Spanish 321. Cervantes. Selections from *Don Quixote*.

Three hours

Spanish 331. Classic Drama.

Three hours

JOURNALISM

Journalism 111. Elementary Journalism. Beginning reporting is studied in the course. Students study techniques of news and feature writing. The college paper is a project of the journalism classes, giving students a chance for practical experience in all phases of newspaper work.

Two hours

Journalism 112. Intermediate Journalism. A continuation of studies in news, sports and feature writing techniques. Students in this course will have varied assignments to cover for the school paper.

Two hours

Journalism 113. Advanced Journalism. Editing, layout and design and photo journalism are studied in this course. Advanced writing techniques are studied. Prerequisites: Journalism 111, 112.

Two hours

MUSIC

A student who proposes to make music the core of an area of concentration in the Humanities Division must complete at least forty-two (42) quarter hours in music. Concentration may be placed upon—*Music Education or Performance*. A music major must also take a year of foreign language, French or German recommended.

A student may minor in music with thirty (30) quarter hours of music. Concentration may be on either education or performance.

Required courses for a major are:

Music 101, 102, 103

Music 181, 182, 183

Music 201, 222, 223

Music 231, 232, 233 or 234—any 6 hrs.

Music 301, 302, 303

Music 311, 312, 313—any 6 hrs.

Required courses for music minor:

Music 201

Music 231, 232, 233 or 234—any 6 hrs.

Music 301, 302, 303

Graduation: In addition to completing the curriculum satisfactorily the student must pass periodic examinations in performance and must also prepare and present a creditable senior recital.

Recitals:

All music majors are required to attend all recitals unless an acceptable excuse is presented.

Music 101-102-103. Athens College Singers. This organization is open to all college students. Experience and training will be provided in the performance of choral literature, both secular and sacred, from simple folk songs to extended compositions in the larger forms. (Attendance at all public performances as well as all rehearsals is required.) A student may take this for credit or without.

One hour each

Music 181-182-183. Applied Music. Private instruction in Piano, Voice, 281-282-283. Organ, or Orchestral Instruments will be arranged. Students are given opportunities and are encouraged to perform in public. One thirty minute class per week for one hour credit. Maximum credit per quarter of one hour for non-music students and two hours for music students. (See "Special Finance Regulations" for lesson fees.)

1 hour daily practice required for 1 hour credit.

2 hours daily practice required for 2 hours credit.

Music 201. Music Appreciation. A listening approach to the appreciation of music. The course is designed to acquaint the student with all types of music.

Five hours

Music 222. History of Music. A study of the music of the Medieval, Renaissance and Baroque eras to approximately 1700, with written and recorded examples. Required of all music majors. Five meetings per week. Prerequisite: Music 201.

Five hours

Music 223. History of Music. A study of the music of the Rococo, Classic, Romantic, and Modern eras, with emphasis on the development of the major instrumental forms. Five meetings per week. Prerequisite: Music 201.

Five hours

Music 231. Music in the Elementary School. (See Division of Education) Organization and development of the Elementary School Music Program.

Three hours

Music 232. Music in the Secondary School. (See Division of Education.) (AY)

Organization and Development of Music in the Secondary Schools.

Three hours

Music 233. Music in the Church. This course is designed both for the music student and for the minister who may at some time be required to do his own music in his church. A discussion of the place of music in the worship service and a survey of hymnology will be the main topics.

Three hours

Music 234. Conducting and Choral Literature. Principles of conducting instrumental and vocal organizations. Emphasis will be upon choral conducting and will include a survey of choral literature, especially emphasizing suitable material for church choir work.

Three hours

Music 301. Music Theory. A study of musical notation, intervals, triads, rhythm, and meter, with related work in sight singing and aural perception. Required of all music students. Five meetings per week.

Three hours

Music 302-303. Music Theory. Simple harmonic progression and part writing, sight singing, and melodic dictation. Required of all music students. Five meetings per week. Prerequisite: Music 301.

Three hours each

Music 311. Form and Analysis. Principles of form and analysis, the phrase and cadence being the basis of approach. Prerequisite: Music 303.

Three hours

Music 312. Counterpoint. A study of contrapuntal techniques, with emphasis on analysis and contrapuntal writing. Prerequisite: Music 303. (AY)

Three hours

Music 313. Orchestration. Principles of orchestration and arranging for vocal and instrumental organizations. Prerequisite: Music 303. (AY)

Three hours

Music 341-342-343. Ensemble. Experience offered in ensemble playing or singing, sight reading, and accompanying. Group rehearsals and performances required. Three meetings per week. Prerequisite: Audition before the instructor.

One hour each

PHILOSOPHY AND RELIGION

A major in this area of the Humanities consists of forty (40) quarter hours, and thirty (30) hours in at least two related fields in the Humanities.

Philosophy 201. Introduction to Philosophy. A presentation of the main problems underlying all philosophy and of some of the historic solutions to these problems.

Five hours

Philosophy 202. Introduction to Ethics. A critical examination of the major system of ethics devised by man and their relation to religion.

Five hours

Philosophy 322. Modern Philosophy. A survey of philosophical thought from Descartes to Walter Lippmann and Reinhold Niebuhr. Prerequisite 201.

Five hours

Religion 220. Old Testament. A survey of the history, literature, and religion of the Old Testament.

Five hours

Religion 221. New Testament. A survey of the background, literature, and thought of the New Testament.

Five hours

Religion 320. Ministerial Seminar.—(Required of all ministerial students receiving scholarship aid.) An introduction to the work of a Christian church and a Christian minister, dealing with some of the interests and problems of present-day ministers.

Five hours

Religion 301. Major Religions of the World. A study of the principal religions of mankind in relation to Christianity. Prerequisite: Religion 220 and 221 or permission.

Five hours

Religion 302. The Hebrew Prophets. A study of the personalities and messages of the Hebrew Prophets. Prerequisite: Religion 220 or permission.

Five hours

Religion 304. Christian Worship. The origin, development and nature of Christian worship, dealing with aids, hindrances, methods and materials.

Five hours

Religion 310. Life of Jesus. A study of the life and teachings of Jesus based chiefly on the first three gospels. Prerequisite: Religion 221 or permission.

Five hours

Religion 401. Life of Paul. A study of the life, journeys, and thought of Paul through his letters. Prerequisite: Religion 221 or permission.

Three hours

Religion 402. History of Christianity. A study of the most widespread of all religious faiths. Prerequisite: Religion 221 or permission.

Five hours

PRE-MINISTERIAL PROGRAM*

Rel.	220	Old Testament	5 hours
Rel.	221	New Testament	5 hours
Rel.	402	History of Christianity	5 hours
Philo.	201	Introduction to Philosophy	5 hours
Rel.	301	Major Religions of the World	5 hours
Rel.	320	Ministerial Seminar	5 hours
Music	233	Music in the Church	3 hours
Eng.	341	Southern Literature	5 hours
Art	201	Art Appreciation	5 hours
Speech	221	Public Speaking	3 hours
Speech	225	Oral Interpretation	3 hours
Soc.	251	Introduction to Sociology	5 hours
Educ.	333	Philosophy of Education	5 hours
Biol.	101	General Biology	5 hours
Phys.	201-202	Physical Science	10 hours**

*Students who take this course must complete the requirements for the degree they seek.

**Students pursuing this course of study may substitute physical science for mathematics requirement leading to the Bachelor of Arts Degree.

SPEECH AND DRAMA

Speech 221-222. Art of Public Speaking. Composition and delivery of speeches, types of speeches; voice and articulation improvement.

Three hours each

Speech 225-226. Oral Interpretation. Designed to develop skill and proficiency in the oral interpretation of contemporary literature. Study of meaning; extensive practice in reading aloud; teaching of diction; correct breathing methods; voice modulation and phrasing.

Three hours each

Drama 201. Drama Appreciation. A study of drama as art. The stage, the play, acting, and directing are all noted as parts of this art form. Reading and criticism of well known plays. Research and investigation of great writers, actors, designers, and directors.

Five hours

Drama 321. The Art of Play Production. The problems of selecting and presenting a play; casting, directing, acting, critical appreciation. For prospective teachers and community workers.

Five hours

Drama 323. Acting. An intensive study of acting and directing methods, with particular emphasis on working with amateurs. (AY)

Three hours

Drama 324. Advanced Play Production. Types of plays—classical and modern. The work of the director in preparing a production. Consideration of the longer play from casting to actual performance.

Three hours

DIVISION OF EDUCATION

The program of study for students selecting Education as their area of concentration is designed to develop teachers broadly educated in the liberal arts and carefully trained in the art of teaching in the elementary and secondary schools. If a student chooses the Division of Education as his area of concentration he may select a major in Elementary Education, Secondary Education, or Health and Physical Education. An individual selecting a major within the Division of Education must meet requirements for teacher certification as determined by the State Department of Education.

The minimum number of quarter hours for an area of concentration is seventy (70). Of these seventy (70) quarter hours fifteen (15) quarter hours of psychology and twenty-five (25) quarter hours of professional education are required. The exact psychology courses and professional education courses will vary according to the major selected. The remaining thirty (30) quarter hours must be courses closely related to the major and must be approved by the student adviser and the division head.

REQUIREMENTS FOR A STUDENT WHO SELECTS THE DIVISION OF EDUCATION AS THE AREA OF CONCENTRATION

Elementary Education

A student in Elementary Education must complete the following course requirements before graduation.

Courses	Hours	Total Hours Required
Education		
Psych. 231. General Psychology	5	45 quarter hours in Professional Education
Psych. 233. Educational Psychology	5	

Psych. 332. Child Growth and Development	5
Educ. 322. Principles of Education	5
Educ. 333. Philosophy of Education	5
Educ. 421. Materials and Methods of Teaching Language Arts	5
Educ. 422. Materials and Methods of Teaching Social Studies, Science, and Arithmetic	5
Educ. 472. Observation and Practice Teaching in the Elementary School	8
Educ. 473 Seminar in Elementary Education	2

NOTE: Three years of teaching out of the last five years may substitute for Observation and Practice Teaching toward the Alabama teacher's certificate but no college hours credit will be given toward meeting the required 45 quarter hours in Professional Education. If actual teaching experience is substituted for Observation and Practice Teaching in the Elementary School and Seminar in Elementary Education then the following courses are required to complete the total of 45 required hours in Professional Education.

Educ. 432. Curriculum Construction	5
Educ. 461. Tests and Measurements	5

English and Literature

101-102. English Grammar and Composition	10	21 quarter hours in
English 301. Children's Literature	4	English and Literature
Literature	10	

Social Studies

Must include courses each of which has a credit value of 6 quarter hours in three of the following fields: History, Economics, Political Science, Sociology or Geography.

History 444. Alabama History	3	27 quarter hours in Social Studies
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Science

Biological Science	10	20 quarter hours in
Physical Science	10	Science

Health, Physical Education

101, 102, 103 Freshman Activities	3	6 quarter hours in
330 Materials and Methods of Health and Physical Education in the Elem. School	3	Health and P. E.

School Music

232 Music in the Elementary School	3	5 quarter hours in School Music
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School Art

301 Art for Elementary Teachers	3	5 quarter hours in School Art
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Secondary Education

A student in Secondary Education must complete the following requirements before graduation.

Courses	Quarter	Total Hours Required
Education	Hours	
Psych. 231. General Psychology	5	45 Quarter Hours In
Psych. 233. Educational Psychology	5	Professional Education
Psych. 334. Adolescent Psychology	5	
Educ. 322. Principles of Education	5	

Educ. 333.	Philosophy of Education	5
Educ. 332.	History of Education	5
Educ. 431.	Materials and Methods of High School Teaching	5
Educ. 482.	Observation and Practice Teaching in the Secondary School	8
Educ. 483.	Seminar in Education (Secondary)	2

NOTE: Three years of teaching out of the last five may substitute for Observation and Practice Teaching toward the Alabama teacher's certificate but no college hours credit will be given toward meeting the required 45 quarter hours in Professional Education. If actual teaching experience is substituted for Observation and Practice Teaching in the Secondary School and Seminar in Secondary School Education then the following courses are required to complete the total of 45 required hours in Professional Education.

Educ. 432.	Curriculum Construction	5
Educ. 461.	Test and Measurements	5

Academic Major—

A student must select a major from the following fields:

	Total Hours Required
English	45
History	45
Sociology	45
Science and Math	45
Business Administration	45
Health and P. E.	45

Academic Minor—

A student must select a minor from the following fields.

English	30
History	30
Sociology	30
Science and Math	30
Business Administration	30
Health and P. E.	30
Music	30
Art	30

English

101-102.	English Grammar and Composition	10
211.	English Literature	5
315.	American Literature	5

Social Studies

Must include courses each of which has a total credit value of 6 quarter hours in two of the following fields: Economics, Geography, History, Political Science, or Sociology.

World History	5	20 quarter hours in
American History	5	Social Studies

Science

Biological Science	10	20 quarter hours in
Physical Science	10	Science

State Department regulations state:

(1) In the case of social studies the minimum requirement for a major shall be a total of 45 quarter hours in such subjects as history, political science,

sociology, anthropology, economics, and geography with a core of 25 quarter hours in a single subject. A minimum of 10 hours of American History, and a minimum of 10 hours World History must be included in the total of 45 quarter hours.

(2) In the natural sciences the minimum requirements for a major shall be a total of 45 quarter hours in such subjects as biology, chemistry, physics, geography, geology, and astronomy, with a core of 25 quarter hours in a single subject. A major in natural sciences must include a full year course in each of Biology, Chemistry and Physics.

(3) In the field of English the minimum requirements for a major shall be 45 quarter hours (10 hours Communication Arts included) in such subjects as grammar, composition, speech, literature, journalism, dramatics, play production, television, and public speaking. A maximum of 9 quarter hours in the fields of journalism, dramatics, play production, radio, television, and public speaking may be applied to the total 45 quarter hours required.

EDUCATION REGULATIONS IN THE DIVISION OF EDUCATION

Students working for teaching certificates must meet the requirements in professional education as prescribed by the State Department of Education. These requirements vary, depending on the type of certificate desired. It is the responsibility of the student wanting such certification to plan his program with his immediate adviser and the Director of Teacher Training to insure that all certification requirements and graduation requirements of the college are met.

It is recommended that during the first two years subjects required of all students be taken. Generally, professional education courses should be taken the last two years of college.

HEALTH, PHYSICAL EDUCATION AND RECREATION

The Department of Health, Physical Education and Recreation provides a variety of courses to meet the needs and interests of all the students, as well as the men and women who are majoring or minor-ing in health and physical education.

Six quarter hours of physical education activity courses are required of each student. Freshmen take Physical Education Orientation 101-102-103. Sophomores may elect the activity courses in which they are interested. Juniors and Seniors may elect the courses listed in the catalog as electives. It is suggested that the required physical education activities be taken during the Freshman and Sophomore year.

Activity courses in Physical Education are required of all students except those excused by written recommendation of the student's personal physician. This medical report is kept on file in the Registrar's Office and a duplicate copy on file in the office of the Director of Health, Physical Education. Students who have minor physical defects, with the permission and guidance of the Director of Health, Physical and the Academic Dean, may take certain prescribed courses in Physical Education activities.

A student may take more than one Physical Education activity course per quarter for credit by special permission of the student's adviser, Dean and Director of Health, Physical Education.

It is suggested that a student select a variety of courses, including an area of dance, swimming, team sports and individual sports.

Students majoring in Physical Education at Athens College can be qualified to fill positions in elementary and secondary schools, or with Y.M.C.A., Boy Scouts, Girl Scouts, churches, and community organizations.

Each student is required to purchase a regulation gymnasium suit from the College Supply Store. A pair of white tennis shoes, white athletic socks and a long sleeve sweat shirt is also suggested.

REQUIREMENTS FOR STUDENTS MAJORING AND MINORING IN HEALTH AND PHYSICAL EDUCATION

Health and Physical Education

Students selecting Health and Physical Education as their major are required to complete forty-five (45) quarter hours as follows:

Major:	Hours
Physical Education Activities (19)	
111, 112, 113 Core for Freshmen Majors-Minors in Physical Education	6
211, 212, 213 Core for Sophomore Majors-Minors in Physical Education	6
311 Core for Junior Majors-Minors in Physical Education	4
411 Core for Senior Majors-Minors in Physical Education	3
Health and First Aid (6)	
210 Personal and Community Health	2
220 First Aid	2
410 Health Instruction	2
Professional Courses (20)	
P. E. 230. Techniques of Camping Education	2
P. S. 240. History and Principles of Health, Physical Education	2
P. E. 301-302-303. Techniques of Coaching and Officiating Team Sports	6
P. E. 310. Kinesology	2
P. E. 330. Teaching Physical Education in Elementary School	
or	
P. E. 340. Teaching Physical Education in Secondary School	3
P. E. 400. Techniques of Coaching Individual Sports, Tennis, and Swimming	1
P. E. 420. School and Community Recreation	2
P. E. 430. Organization and Administration of Health, Physical Education	2

Also, a student must meet the requirements for teacher certification and for the Division of Education.

Minor:	Hours
Physical Education Activities (17)	
P. E. 111-112-113. Core for Freshmen majoring-minoring in Physical Education	6

P. E. 211-212-213. Core for Sophomores majoring-minoring in Physical Education	6
P. E. 311. Core for Juniors majoring-minoring in Physical Education....	3
P. E. 411. Core for Seniors majoring or minoring in Physical Education	2
Health and First Aid (4)	
P. E. 210. Personal and Community Health	2
P. E. 220. First Aid	2
Professional Courses (13)	
P. E. 240. History and Principles of Physical Education.....	2
P. E. 301-302-303. Techniques of Coaching and Officiating Team Sports	6
P. E. 330 or 340. Teaching Physical Education in the Elementary School, or Teaching Physical Education in the Secondary School....	3
P. E. 430. Organization and Administration of Health, Physical Education	2

GENERAL EDUCATION

Educ. 232. Introduction to Education. A beginning course which touches the many aspects of education in the United States. Open only to freshmen and sophomores.

Three hours

Educ. 322. Principles of Education A study of the relationship between local, state and federal government in education responsibilities, of classroom procedures, and of professional teaching opportunities and requirements.

Five hours

Educ. 332. History of Education in the U. S. A survey of the development of schools and educational practices in the United States.

Five hours

Educ. 333. Philosophy of Education. An inquiry into the philosophic bases of the educational systems of ancient, medieval, and modern civilizations, and their effect upon present-day educational, curricula, methods, and organizations. Prerequisites: Education 232 or 332.

Five hours

Educ. 432. Curriculum Construction. A course designed to assist teachers in the construction of a curriculum for an individual school, or for a given grade or group of grades in that school. Prerequisites: Education 322 or 333.

Five hours

Educ. 441. Administration and Supervision. This course is especially designed for those students who have a deep interest in administrative work, and who have shown special aptitude for this type of work. The topics to be considered are professional ethics; the responsibilities of administrative personnel to teaching personnel; the relationship of the administrative personnel and teachers to school and community; records and supervisory details. Prerequisite: Two years teaching experience and Junior standing.

Five hours

Educ. 461. Educational Tests and Measurements. A course concerned with the nature of measurement. Consideration is given to various types of aptitude, achievement, interest, and personality tests. Practical help is provided school administrators and teachers in instituting and carrying out a testing program in the schools. Prerequisites: Education 322 or 333 and Psychology 231.

Five hours

ELEMENTARY EDUCATION

Educ. 421. Materials and Methods of Teaching in the Elementary School. A study of methods and materials used in the language arts in the elementary grades. Prerequisites: Education 322 and Psychology 231. Required of elementary teachers.

Five hours

Educ. 422. Materials and Methods of Teaching in the Elementary School. A study of methods and materials used in teaching social studies, science, and arithmetic in the elementary school. Prerequisites: Education 323 and Psychology 231. Required of elementary teachers.

Five hours

Educ. 472. Observation and Practice Teaching in the Elementary School. After a period of orientation, the student gains practical experience in teaching classes in the public schools under continual guidance of competent critic teachers in cooperation with the faculty director of teacher training. Materials and methods are utilized in lesson planning and teaching, and the participation in all activities of the school is required of the student teacher. Education 473 is taken concurrently. Prerequisites: Senior standing, Ed. 421, Ed. 422, and the completion of 30 hours of education and psychology certification requirements. Not applicable to secondary certification.

Eight hours

Educ. 473. Seminar in Elementary Education. A companion course to Education 472, this seminar meets two hours per week to deal with problems encountered by the student teacher, to strengthen his teaching competence, and to coordinate his entire training with practical experience. To be taken concurrently with Educ. 472, may not be taken separately. Not applicable to secondary certification.

Two hours

Educ. 201. Art for Elementary Teachers. This course is designed to develop a sensitivity to the visual arts as a basis for the understanding of children's art. Creative experience with paints, chalk, clay, and handi-craft materials is provided. Four meetings per week.

Three hours

Educ. 202. Art for Elementary Teachers. A workshop designed to stimulate creative thinking in the use of the art materials by the child. Four meetings per week.

Three hours

Educ. 301. Literature for Children. A course for prospective teachers of the elementary grades. A study and evaluation of books for children. Three hours lecture and one hour laboratory per week. Required for elementary certification.

Four hours

Educ. 303. Alabama State History. A study of the history of Alabama with particular stress upon present day cultural and political developments, problems and correctives. Required for elementary certification.

Three hours

Educ. 203. Music in the Elementary School. The organization and development of the elementary school music program.

Three hours

SECONDARY EDUCATION

Educ. 431. Materials and Methods of High School Teaching. A unified core course in the materials and methods of teaching in the secondary school. The first concern is with common fundamental principles and techniques, after which the work is differentiated according to major academic fields. Prerequisites: Educ. 322 and Psychology 334. Not applicable to elementary certification. Must be taken before Ed. 482. Offered in fall and summer quarters.

Five hours

Educ. 431.1. Methods of Teaching Typewriting and Shorthand. Materials, methods, and procedures for the teaching of typewriting, shorthand, and transcription. Required of Business Education majors.

Five hours

Educ. 482. Observation and Practice Teaching in the Secondary School. After a period of orientation, the student gains practical experience in teaching classes in the public schools in his major or minor fields; the experience is under the continual guidance of competent critic teachers in cooperation with the faculty director of student teaching. Materials and methods are utilized in lesson planning and teaching, and participation in all activities of the school is required of the student teacher. Education 483 is taken concurrently. Prerequisites: Senior standing Ed. 431 M. & M. of High School Teaching and completion of 24 hours certification requirements in Education. Not applicable to elementary certification.

Eight hours

Educ. 483. Seminar in Secondary Education. A companion course to Educ. 482, this seminar meets two hours per week to deal with problems encountered by the student teacher, to strengthen his teaching competence, and to coordinate his entire training with practical experience. To be taken concurrently with Education 482, may not be taken separately. Not applicable to elementary certification.

Two hours

Educ. 302. English Grammar for Teachers. A study of current formal English usage, designed especially for public school teachers.

Five hours

Educ. 204. Music in the Secondary School. The organization and development of the secondary school music program.

Three hours

PSYCHOLOGY

Psychology 231. General Psychology. A survey of the field of human psychology with emphasis upon the psychological problems in the fields of learning, thinking, emotion, motivation, and the nature and development of personality.

Five hours

Psychology 233. Educational Psychology. A course including principles of learning as they apply to the behavior of children in school.

Five hours

Psychology 331. Social Psychology. The effects of the group upon individual and social psychology. A study of the biological antecedents of social behavior; leadership; attitudes, suggestions; institutions; and social conflict. Prerequisite: Psychology 231.

Five hours

Psychology 332. Child Growth and Development. A study of the physical, mental, social, and emotional development of the child, methods of analyzing children's behavior, influences of school, home, and other environment on behavior.

Five hours

Psychology 334. Adolescent Psychology. This course is designed to give people who work with teen-agers a better understanding of human adjustments, environment, intelligence, causes of delinquency, gangs, dispositions. Prerequisite: Psychology 231.

Five hours

Psychology 344. Mental Hygiene. A study of factors in mental health and consideration of the fundamentals of personality organization. (AY)

Five hours

PHYSICAL EDUCATION COURSES

P.E. 101-102-103 (M) (W). Freshman Orientation. Required of all students entering Athens College for the first time. Activities include volleyball, basketball, softball, touch football. A testing program is given to evaluate the individual's strength and weaknesses and certain exercises are recommended. Lectures in general hygiene are also included in this orientation program.

One hour

P.E. 201-208-221-292. Electives in General Physical Education Activities, Non-Majors. These courses may be elected during the Sophomore year after the basic Freshman Physical Education requirements have been met.

One hour

P.E. 111-112-113. Core for Freshman Majors-Minors in Physical Education. Activities for men include the following: Volleyball, basketball, softball, flickerball, and touch football. Activities for women include volleyball, softball, and basketball. Additional activities include swimming, tennis, and dance. Required of all freshman with a major-minor in Health, Physical Education.

One hour

P.E. 211-212-213. Core for Sophomore Majors-Minors in Physical Education. Activities include swimming, dance, calisthenics, tumbling, recreational games, badminton. Required of all Sophomore Majors-Minors in Health, Physical Education.

One hour

P.E. 311. Core for Junior Majors-Minors in Health, Physical Education. Activities include archery, tennis, tumbling. Required of all Junior Majors-Minors in Health, Physical Education.

Three hours

P.E. 411. Core for Senior Majors-Minors in Physical Education. Required of all senior majors who have not met the basic skill requirements in Physical Education 111-311.

Two hours

In the following activities listed (MW), men and women may enroll in the same classes. Where the activities are marked (M) (W), the activities are open to both men and women, but classes are separate. Activities open to only men are marked (M) and those open only to women are marked (W).

It is suggested that a student select a variety of activity courses including an area of dancing, swimming, team sports and individual sports.

PHYSICAL EDUCATION ACTIVITIES

TEAM SPORTS

P.E. 101. Volley Ball (M) (W). Instruction and practice of basic skills and strategy.

One hour

P.E. 101. Touch Football (M). Instruction and practice in basic skills techniques. Team play, strategy. Safety skills involved.

One hour

P.E. 102. Basketball (M) (W). Basic Techniques and skills. Instruction and practice in basic skills and techniques. Team play and strategy. Safety skills. Selection, care of equipment.

One hour

P.E. 103 Softball (M) (W). Instruction and practice in basic skills and techniques. Team play and strategy. Safety skills. Selection, care of equipment.

One hour

DANCE

P.E. 200. Modern Dance (MW). Instruction, practice, theory and techniques in fundamentals of movement. A study is made of rhythm and movement in relationship to dance composition.

One hour

P.E. 202. Social Dance (MW). Instruction, practice in basic social dance skills, waltz, fox trot, and other basic techniques in addition to etiquette and party planning.

One hour

P.E. 203. Square and Folk Dance (MW). Instruction and practice in folk and square dance skills. Variety of square and folk dances, including folk and singing games. Opportunities are given to students to call square dances. Actual experience is gained in party planning.

One hour

SWIMMING

P.E. 204. Beginning Swimming (M) (W). Basic skill and elementary strokes, safety skills.

One hour

P.E. 205. Intermediate Swimming. Review of basic skills. Diving.

One hour

P.E. 206. Advanced Swimming (M) (W). Review, instructions in advanced skills and strokes. Diving and water stunts and water shows.

One hour

P.E. 207. Life Saving (M) (W). Course is designed to give instructions to students, practical experience for work as Life Guards. Open to any student who can present necessary swimming skills. The American Red Cross Senior Life Saving Certificate is earned on satisfactory completion.

One hour

P.E. 208. Instructors (M) (W). This course is for students who are interested in teaching swimming in summer recreation programs, direct water front activities at summer camps, and for all majors in Physical Education. The American Red Cross Water Safety Instructor's Certificate is earned upon satisfactory completion of this course. Prerequisite is American Red Cross Senior Life Saving Certificate in good standing.

One hour

INDIVIDUAL SPORTS

Archery

P.E. 221. **Beginning (MW).** Instruments, basic techniques, skills and practice. Selection, care of equipment. Safety skills.

One hour

Badminton

P.E. 231. **Beginning (MW).** Instruction, basic skills, techniques. Selection and care of equipment, game rules and etiquette.

One hour

Bowling

P.E. 241. **Beginning (MW).** Instruction, basic skills and techniques. Game rules, scoring, and etiquette. Actual game experience.

One hour

Calisthenics

P.E. 251. **Basic (M) (W).** Exercises to help develop body strength, flexibility, coordination and balance.

One hour

Recreational Games

P.E. 271. A general course which gives an opportunity for the student to participate in and develop recreational skills. The activities include horse shoes, ping pong, paddle tennis, shuffle-board croquet, darts, and deck tennis.

One hour

Tennis

P.E. 281. **Beginning (MW).** Instruction and practice in basic techniques and skills of tennis. Rules and etiquette and actual game experience.

One hour

P.E. 282. **Advanced (MW).** Review of beginning course. Additional instruction in advanced stroking and skills.

One hour

Tumbling

P. E. 291. **Beginning (M) (W).** Instruction and practice of basic skills stunts, pyramids, safety skills involved. Experience in both individual and group stunts.

One hour

P.E. 292. **Advanced Tumbling and Trampoline (M) (W).** Review of beginning tumbling course. Additional instruction and practice of basic skills as they relate to work on the trampoline. Emphasis is placed on safety skills.

One hour

PROFESSIONAL COURSES

P.E. 210. **Personal and Community Health.** Deals with problems which occur in personal, school and community life. Course helps to broaden student attitude to his responsibility to himself and others. Required of all majors-minors in Physical Education.

Two hours

P.E. 220. **First Aid.** Instruction in the various phases of First Aid. The American Red Cross Certificate: Standard, Advanced and Instructors are awarded on satisfactory completion of the prescribed course. Required of all majors-minors in Health, Physical Education. Credit is not applicable to 6 hours Physical Education requirements.

Two hours

P.E. 230. Techniques of Camping Education. Course is designed to give students actual experience and instruction in preparation for camp counselors. Basic skills and techniques in out-door cooking, camping out, program planning.

Two hours

P.E. 240. History and Principles of Health, Physical Education. Historical development of Physical Education. Emphasis is placed on basic principles underlying the present day program and concepts. Required of all majors-minors in Physical Education.

Two hours

P.E. 301-302-303. Techniques of Coaching and Officiating Team Sports. Students have experience in lead-up games, skill tests, rules and strategy and play. Emphasis is placed on the coaching aspect of the team sports and practical experience is obtained by actual participation in the intramural program and officiating student competition. Required of Juniors with major-minor in Physical Education.

Two hours each quarter

P.E. 310. Kinesiology. Study of the fundamental movements of the body. Study is related to actual skills involved in teaching of physical education activities. Prerequisites: Biology 111-112-113. Required of Juniors with major-minor in Physical Education.

Two hours each quarter

P.E. 330. Methods and Materials of Teaching, Physical Education in the Elementary School. The interests, abilities, and needs of the children in grades 1-6 are studied and a suitable program of activities for Health, Physical Education is planned. Direct observation, participation, and guidance in an elementary program. Study is made of modern methods and a survey of materials in the field. Required of all majors-minors in Health, Physical Education. Credit not applicable to the 6-hour activity requirement in physical education.

Three hours

P.E. 340. Methods and Materials of Teaching, Physical Education in the Secondary School. Emphasis is placed on the health and physical education program in addition to the athletic program. Survey of teaching methods, materials, observation and guidance in secondary program. Study is made of modern methods and a survey of materials in the field.

Three hours

P.E. 350. Health Resources (MW). A course in which a study of all health agencies, and organizations are investigated and discussed. Emphasis is placed on use of these resources in personal, school, community health problems. Research is done using resource audio-visual materials.

Two hours

P.E. 360. Treatment of Athletic Injuries (M) (W). A general introduction course which deals with the different forms of injuries which occur in athletic activities. Emphasis is placed on proper conditioning as well as methods of therapy, massage and taping.

One hour

P.E. 400. Techniques of Coaching Tennis and Swimming. Tennis: Theory and practice and actual experience in coaching tennis techniques. Organization and officiating of tournament play. Swimming: Theory and practice in teaching basic strokes. Red Cross methods. Required of all Seniors.

One hour

P.E. 410. Health Instruction. Instruction and practical experience in methods and materials in teaching health in the elementary, secondary schools. Emphasis is given to testing, investigation in relation to today's health problems as they relate to the teacher.

Two hours

P.E. 420. School and Community Recreation. Practical experience in planning and carrying out a recreation program, in schools, community, and park programs. Emphasis is placed on organization program planning, budget, personnel, and facilities. Required of all majors-minors in Health, Physical Education.

Two hours

P.E. 430. Organization and Administration of Health, Physical Education. A practical course dealing with the problems in the organization and administration of Health, Physical Education programs. Emphasis is placed on care, selection of equipment, construction and maintenance of building and grounds. Required of all Senior majors-minors in Physical Education.

Two hours

DIVISION OF BUSINESS AND SOCIAL SCIENCE

A student concentrating in this Division must complete at least seventy quarter hours in the Division. Students who select this area may major or minor in Business Administration, History, or Sociology. Those majoring in Business Administration should consult the program given at the end of this Division. A minor consists of twenty-seven quarter hours.

Students majoring in History should select forty quarter hours in this field. In addition, the major will include the following courses:

Principles of Economics.....	10 hours
Political Science 251 and 353.....	10 hours
Sociology 251 and one elective.....	10 hours

Students who major in this Division may work toward either the Bachelor of Arts Degree, the Bachelor of Science Degree, or the Bachelor of Science in Education Degree.

ACCOUNTING

Accounting 101-102-103. Accounting Principles. Basic principles plus practical application through the use of individual, partnership, and corporation practice sets.

Five hours each

Accounting 201-202. Intermediate Accounting. A further study of the application of Accounting Principles. This course gives particular reference to partnership and corporation accounting. Prerequisite: Accounting 103. (AY)

Five hours each

Accounting 301-302. Advanced Accounting. Problems in Cash and Receivables; incomplete data; inventories; investments; estates and trusts; receivership accounting. Prerequisite: Accounting 202. (AY)

Five hours each

Accounting 342. Federal Tax Accounting. A study of the law and regulations pertaining to the more common forms of taxation at the present time, including social security legislation, withholding for income tax purposes. Emphasis is placed upon the practical problems involved in completing individual Federal Income Tax returns, including those concerned with single proprietorship. Prerequisites: 15 hours of Accounting Principles. (AY)

Five hours

Accounting 343. Federal Tax Accounting. Continuation of the study of Federal Taxation, law and regulations, pertaining to partnership and corporation returns. Consideration is also given to gift, estate and inheritance taxes, to procedures involved in handling tax matters before the Treasury Department, and to tax planning. Prerequisite: Accounting 342. (AY)

Five hours

Accounting 351-352. Cost Accounting. The nature and uses of cost accounting; the job-lot cost plan and its application; process cost accounting; cost accounting with the use of cost standards and the use of cost accounting in formulation of the business policies of a company. Prerequisite: Accounting 201. (AY)

Five hours each

Accounting 441-442. Auditing. This course includes an extensive analysis of the work and responsibilities of an auditor; the purpose and kinds of audits; systems of internal check; auditors' reports; investigations and certificates. Prerequisite: Accounting 202. (AY)

Five hours each

BUSINESS

Business 305. Business Statistics. An introductory study of the nature and sources of business data and the principles which underly the selection and classification of such data. Prerequisite: Sophomore standing or above. (AY)

Five hours

Business 311. Business Law. The bases and sources of our present day law; its divisions and fundamental principles. The general principles of the law of contracts, agency, employer and employee, negotiable instruments, with special attention to the law in Alabama. The Alabama Right-to-Work Law is also considered. Statutes of limitations and exemptions are also included in the course. Prerequisite: Sophomore standing or above. (AY)

Five hours

Business 312. Business Law. A further consideration of various branches and subjects of the law which may prove of benefit to the average business man. Among the subjects studied are wills, personal property, bailments, real property, mortgages, leases, common carriers, sales of personal property, partnerships, corporations, business torts and crimes, insurance, and a hasty consideration of the general Alabama law concerning marriage, divorce, alimony and the custody of children. Prerequisite: Sophomore standing or above. (AY)

Five hours

Business 313. Money and Banking. A study of the theory and principles of money, credit, and banking; the function and administration of banks; foreign exchange; the clearing house, and the Federal Reserve System. Prerequisite: Economics 222. (AY)

Five hours

Business 315. Corporation Finance. A study of the promotion, incorporation, and financing of modern business; consideration is given to the various types of stocks and bonds issued; attention is given to mergers, consolidations, holding companies, and other steps of business expansion. Prerequisites: Accounting 103, and Economics 222. (AY)

Five hours

Business 316. Investments. General principles of investment. Industrial, railroad, public utility, federal, state, and municipal securities; real estate investment; mutual funds. Prerequisite: Business 315, or permission. (AY)

Five hours

Business 331. Marketing. A study of the forces operating, institutions employed, and methods followed in the flow of goods and services from production to consumption. Prerequisite: Sophomore standing or above. (AY)

Five hours

Business 332. Salesmanship Theory and Practice. The development of selling methods; buyer-seller relationship; qualities of effective salesmen; the salesman and his goods, his customers, and his firm. Prerequisite: Sophomore standing or above. (AY)

Five hours

Business 333. Advertising. A study of the principles of advertising; types of advertising media; testing advertising effectiveness; and analyzing problems of advertising encountered in business. Particular attention is given to the small advertiser. Prerequisite: Sophomore standing or above. (AY)

Five hours

Business 346. Management Principles. A study of industrial organization and management principles and practices. Prerequisite: Sophomore standing or above. (AY)

Five hours

Business 355. General Insurance. A study of the fundamental principles and uses of various types of insurance: life, fire, marine, and other casualty coverages. Prerequisite: Sophomore standing or above. (AY)

Five hours

Business 422. Office Management. A study of the problems involved in planning and directing the function of business and professional offices. Prerequisite: Sophomore standing or above. (AY)

Five hours

Business 423. Personnel Management. A study of the methods and techniques of organized personnel work. Stress is laid upon scientific procedures and their integration into a complete program. Prerequisite: Sophomore standing or above. (AY)

Five hours

ECONOMICS

Economics 222-223. Principles of Economics. Providing basic economic analysis; an orderly, objective way of thinking about economic problems to reach well-considered judgments on major public policy issues; intending to stimulate a continuing interest in real-world economics. Prerequisite: Sophomore standing.

Five hours each

Economics 321. Economic History of the United States. A means of understanding the pattern in which economic principle is cast. A background for the study of economic thought, politics, and economic geography; an analysis of economic action in the United States. (AY)

Five hours

Economics 333. Economic Geography. Considering the influence of geographic regions on the way man works for a living; noting factors that cause different types of development to occupy different areas; emphasis on general principles. (AY)

Five hours

Economics 334. European Economic History. The economic development of the major European countries in modern times; the history of agriculture, manufacturing, commerce, finance, transportation; attention to the relationship of these developments to society, policies, and thought. (AY)

Five hours

Economics 342. Comparative Economic Systems. Analyzing capitalist, socialist, communist, fascist, and cooperative economic systems; their institutions and the operation of economic principles within each. Prerequisite: Economics 222-223. (AY)

Five hours

Economics 433. Labor Economics. Studying the economic basis of employment; labor legislation and the factors affecting the labor movement; modern industrial labor problems. Prerequisite: 10 hours of Economics. (AY)

Five hours

Economics 434. Public Finance. A study of the principles underlying the expenditures, revenues, and borrowing of government on federal, state, and local levels. Prerequisite: Economics 223. (AY)

Five hours

GEOGRAPHY

Geography 101-102. Regional Geography of the World. A study of man's physical environment, its influence upon his life and activities, and the way he has mastered and transformed it in the major world regions, with an emphasis upon Europe.

HISTORY

History 201, 202, 203. History of Western Civilization. A study of civilization from ancient to modern times. A study of the culture, economy, politics of the people in this period.

Five hours each

History 311. Dawn of Modern Europe. An exploration of the development of modern Europe from the period of the Renaissance and Reformation to 1700. A study of these movements and the rise of the nation-state. No prerequisite. (AY)

Five hours

History 312. Development of Modern Europe. A study of modern party politics, of cultural growth, industrial development and imperialism in the history of Europe 1700-1900. (AY)

Five hours

- History 313. Twentieth Century Europe.** An investigation of recent trends and crises in European civilization, the War of 1914-18, the rise of dictatorships, and the collapse of collective security. (AY)
Five hours
- History 321. A History of the English People Since 1688.** A study of the origins of western political democracy, of the industrial revolution, and the rise of humanitarian ideals. (AY)
Five hours
- History 322. History of Canada.** A study of the political, social, economic, and cultural history of Canada with emphasis on Canada's place in the British Commonwealth, and her relations with the United States. Prerequisite: 10 hours of History. (AY)
Three hours
- History 323. Latin-American History.** A study of the development of the Central and South American states and of the Caribbean area with emphasis on their backgrounds, problems and relationships to the United States. The formation of the idea of Pan-Americanism is considered. Prerequisite: 10 hours of History. (AY)
Five hours
- History 351. America; Colony to Nation.** The course includes the founding of the colonies, their development, the struggle for independence, the organization of American experimental government, rise of sectionalism, and the crisis of 1860. (AY)
Five hours
- History 352. The Rise of Industrial America, 1865-1900.** The development of industrialism in the United States, the problem of urbanization, the growing interdependence of the people of the United States, and the rising demand for social justice. (AY)
Five hours
- History 353. Twentieth Century America.** The maturity of the United States as a nation, the rise to world power, American imperialism, and the challenge to world leadership at mid-20th century. (AY)
Five hours
- History 361. The South.** The historical development of the institutions and culture of the Old South, the varied causes of the War Between the States, the rise and fall of the Confederacy, the Reconstruction Period, and the development of the New South. By permission. (AY)
Five hours
- History 434. Twentieth Century Asia.** A study of the political, economic, social, and cultural development of the Asian countries since 1900, their relations toward the western countries and their attitudes toward imperialism, due to their past experiences, are considered. Prerequisite 10 hours of History. (AY)
Five hours
- History 435. The Middle East.** This course presents the social, political and economic problems of the Middle East and its relations with other nations. Prerequisite: 10 hours of History.
Three hours
- History 444. Alabama State History.** (See Division of Education)
Three hours

POLITICAL SCIENCE

Political Science 251. United States Government. A study of the structure and function of the federal and state governments in the United States, with special emphasis upon the principles of democratic processes and constitutional behavior.

Five hours

Political Science 253. Local Community Government. Consideration of local government as it functions in the American community: town government organization, public officials, public order, and community participation.

Five hours

Political Science 353. Comparative Government. A survey course in which a number of governments from various sections of the world are studied. Among those studied are the governments of Great Britain, France, Germany, Russia, Sweden, Norway, Switzerland, Japan and the Latin American countries. (AY).

Five hours

Political Science 451. American Political and Social Movements. A study of social movements and their effect upon politics in the United States. Prerequisite: Junior standing. (AY)

Five hours

Political Science 452. Western Political Heritage. A survey of Western ideas influencing political behavior from ancient to present times. Prerequisite: Junior standing. (AY)

Five hours

Political Science 453. International Relations. A study of American participation in international affairs with special emphasis upon international controls. Prerequisite: Junior standing. (AY)

Five hours

TYPEWRITING

Sec. Sci. 111. Basic Typewriting. A course for beginners. Attention is given to the mastery of the keyboard, correct technique, and rhythm. Instruction is given in the preparation of simple business letters, notes, memoranda, tabulations, rough drafts, and manuscripts.

Three hours

Sec. Sci. 112. Intermediate Typewriting. Emphasis is placed on the development of typewriting skill and proficiency to meet vocational requirements. Instruction is given in business letter styles, advanced tabulation, rough drafts, manuscripts, invoices, credit memos, and statements. Prerequisite: Sec. Sci. 111 or the equivalent.

Three hours

Sec. Sci. 113. Advanced Typewriting. A continuation of Typewriting 112. Much stress is placed on the development of speed, accuracy, and the arrangement of material. Instruction is given in special business letter forms, advanced tabulation, telegrams, legal documents, quotations, requisitions, orders, accounting reports, and stencil cutting. Prerequisite: Sec. Sci. 112 or the equivalent.

Three hours

Sec. Sci. 301. Production Typewriting. A course designed to bridge the gap between the classroom and the business world. Efficient methods and practices are studied. A study of production rates and standards. Prerequisite: Sec. Sci. 113 or the equivalent.

Three hours

SHORTHAND

Sec. Sci. 211. Elementary Shorthand. A course for beginners. The fundamentals of Gregg Shorthand are presented, along with a study of phonetics. A comprehensive shorthand vocabulary is started. Dictation up to forty words per minute is given.

Four hours

Sec. Sci. 212. Intermediate Shorthand. The theory of Gregg Shorthand is continued. Dictation up to sixty words per minute is given. Prerequisite: Sec. Sci. 111 and 211, or the equivalent.

Four hours

Sec. Sci. 213. Advanced Shorthand. The theory of Gregg Shorthand is completed. Dictation up to eighty words per minute is given. Prerequisite: Sec. Sci. 212 or the equivalent.

Four hours

Sec. Sci. 311. Transcription I. Dictation of business letters, articles, editorials, and other business materials in preparation for speed; dictation up to 100 words per minute is given. Prerequisite: Sec. Sci. 213 or the equivalent, and a speed of forty-five words per minute on the typewriter.

Three hours

Sec. Sci. 312. Transcription II. Dictation of business letters, articles, editorials, and other business materials in preparation for speed; dictation up to 120 words per minute is given. Prerequisite: Sec. Sci. 311 or the equivalent.

Three hours

Sec. Sci. 313. Transcription III. Continuation of Shorthand 312. Dictation of business letters, articles, editorials, and other business materials. Rapid dictation in preparation for speed as a reporter or private secretary. Prerequisite: Sec. Sci. 312 or the equivalent.

Three hours

Sec. Sci. 231. Office Machines. Operations of the commonly used office machines, such as the adding machine, the adding calculator, the electric typewriter, the dictaphone, the fluid duplicator, and the mimeograph. Prerequisite: Sec. Sci. 112 or the equivalent. (AY)

Three hours

Sec. Sci. 341. Business English and Correspondence. A study of the parts of speech, punctuation, capitalization, syllabication, the use of the right word, and the construction of a sentence. Instruction is given in letter styles and types, the psychology of business writing, methods of communication, the actual writing of business letters. Prerequisite: English 102. (AY)

Five hours

Sec. Sci. 343. Filing and Indexing. A study of the types of filing equipment, filing methods, and practical problems in filing and indexing. (AY)

Three hours

SOCIOLOGY

Sociology 251. Introduction to Sociology. This course presents the basic concepts and principles of sociology applied to modern society; interaction and relationships in the community; race and culture; institutions; social processes, change and controls.

Five hours

Sociology 252. Rurban Sociology. A study of today's trends in the merging of rural and urban society. A comparison of the institutions, agencies, and cultural behavior which are now becoming more and more similar in pattern and objectives. Special study is undertaken with regard to the suburban pattern of life today.

Five hours

Sociology 311. Anthropology. A study of primitive peoples, their culture and institutions in prehistoric and more modern times; the presentation of a culture perspective and fuller appreciation of the life, institutions, government, social standards, arts, religious and moral patterns, as revealed in the domestic and the community life of prehistoric people. (AY)

Five hours

Sociology 361. Family Relationship. A study of family life from earliest known beginnings; the development of marriage and family behavior; causes of family problems and disorganization; the influence of economics, educational, and religious institutions upon family relationships today. Prerequisite: Sociology 251.

Five hours

Sociology 362. Contemporary Social Problems. The impact of economic and social change; the major lags leading to social problems, poverty, unemployment, dependency, disease, delinquency, mental deficiency, crime, old age, and accidents. A program for social adjustment. Prerequisite: Sociology 251. (AY)

Five hours

Sociology 363. Introduction to Social Work. The basic principles and methods of social work, and their application in the treatment of individuals, families, and groups; the historical backgrounds and developments of present-day social welfare services. Prerequisite: Sociology 361 or permission. (AY)

Five hours

Sociology 371. American Culture and Institutions. The development of political, social, and cultural institutions in the light of European backgrounds to the twentieth century, especially as these contribute to an understanding of the American way of life. Prerequisite: Ten hours of Sociology or permission. (AY)

Five hours

Sociology 372. Social Thought I. Consideration of social thought from early times to the sixteenth century. Prerequisite: Fifteen hours of Social Science or permission. (AY)

Five hours

Sociology 373. Social Thought II. The contributions of American sociologists and social thinkers from the middle of the nineteenth century to the present time. Prerequisite: Fifteen hours of Sociology or permission. (AY)

Five hours

Sociology 462. Criminology. An analysis of the social processes by which individuals become criminals and delinquents; causative factors, techniques of control; methods of treatment and correction. Prerequisite: Fifteen hours of Social Sciences.

Five hours

Sociology 463. Population Problems. A consideration of the history of population problems with reference to eugenics, migration, and population control. Prerequisite: Fifteen hours of Social Sciences. (AY)

Five hours

SUGGESTED PROGRAM FOR BUSINESS ADMINISTRATION LEADING TO THE BACHELOR OF SCIENCE DEGREE

FRESHMAN

	Quarter Hours
Accounting Principles.....	15
English Composition	10
Typewriting, Basic ¹	3
Religion (Rel. 101 and 102)	10
Physical Education.....	3
Electives	10
	<hr/> 51

SOPHOMORE

	Quarter Hours
Economics, Principles.....	10
Statistics, Business ²	5
Literature	10
Psychology, General.....	5
Mathematics ²	10
Physical Education.....	3
Electives	5
	<hr/> 48

JUNIOR

	Quarter Hours
Business Law ³	10
Money and Banking ³	5
Business English and Correspondence ³	5
Foreign Language ²	15
Science ²	10
Electives	5
	<hr/> 50

SENIOR

	Quarter Hours
Corporation Finance ³	5
Marketing ²	5
Management Principles ³	5
Science ²	10
Electives	21
	<hr/> 46

¹Students who demonstrate proficiency on a prescribed typewriting test will be excused from Basic Typewriting.

²Students working for the Bachelor of Science in Education must follow the requirements for this degree.

³Junior and Senior Business Courses will be alternated, and should be taken in the year given.

SUGGESTED PROGRAM FOR SECRETARIAL SCIENCE LEADING TO THE BACHELOR OF SCIENCE DEGREE

FRESHMAN

	Quarter Hours
English Composition.....	10
Typewriting; Basic, Intermediate, Advanced.....	9
Shorthand; Elementary, Intermediate, Advanced.....	12
Accounting Principles.....	15
Physical Education.....	3
	<hr/>
	49

SOPHOMORE

	Quarter Hours
Typewriting, Production.....	3
Shorthand; Transcription I, II, III.....	9
Office Machines.....	3
Economics, Principles.....	10
Religion (Rel. 101 and 102).....	10
Mathematics ¹	10
Physical Education.....	3
	<hr/>
	48

JUNIOR

Filing and Indexing.....	3
Business English and Correspondence.....	5
Business Law.....	10
Foreign Language ¹	15
Science ¹	10
Psychology General.....	5
	<hr/>
	48

SENIOR

	Quarter Hours
Office Management.....	5
Science ¹	10
Literature.....	10
Electives.....	25
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	50

¹Students working for the Bachelor of Science in Education must follow the requirements for this degree.

SUGGESTED PROGRAM FOR A TWO-YEAR SECRETARIAL SCIENCE CURRICULUM

(LEADING TO A SECRETARIAL CERTIFICATE)

FRESHMAN

	Quarter Hours
English Composition	10
Typewriting; Basic, Intermediate, Advanced.....	9
Shorthand; Elementary, Intermediate, Advanced.....	12
Accounting Principles	15
Physical Education	3
	<hr/> 49

SOPHOMORE

	Quarter Hours
Typewriting, Production	3
Shorthand; Transcription I, II, III.....	9
Office Machines	3
Business English and Correspondence.....	5
Filing and Indexing.....	3
Office Management	5
Economics, Principles	10
Psychology, General	5
Physical Education	3
Electives	5
	<hr/> 51

DIVISION OF SCIENCE AND MATHEMATICS

A major in this Division shall consist of at least 70 quarter hours chosen from the Division. At least 45 hours of this work shall be taken in one science and the remainder chosen from supporting sciences as outlined in the department headings.

The general requirements for the Bachelor of Science degree as outlined on page 27 must be satisfied.

BIOLOGY

Bachelor of Science Degree with a Major in Biology

A major in science with emphasis on Biology shall consist of at least 45 quarter hours of Biology, 20 hours of which shall be in courses numbered 300 or 400.

Required courses:

First Year—Biology 101, 103.....	10 hours
Second Year—Biology 201, 202.....	12 hours
Third Year—Biology 301, 302.....	12 hours

Twenty hours of chemistry, including inorganic and organic, are required.

Biology 101. Principles of Biology. A study of biological principles basic to all forms of life, both plant and animal; this includes a study of the composition and functions of protoplasm, levels of organization from cellular to organ-system, and a brief study of each of the major vertebrate systems. Laboratory studies are designed to parallel closely the lecture material. Three lecture and two two-hour laboratory periods weekly.

Five hours

Biology 102. General Zoology. An introduction to zoology and a survey of the animal kingdom. The course deals with the development, structure, and function of representatives of the major phyla of the animal kingdom. Three lecture and two two-hour laboratory periods weekly. Prerequisite: Biology 101.

Five hours

Biology 103. General Botany. An introduction to botany and a survey of the plant kingdom. The course deals with the development, structure, and function of representative plants. Three lecture and two two-hour laboratory periods weekly. Prerequisite: Biology 101.

Five hours

Biology 201. Invertebrate Zoology. The principles of invertebrate zoology; the course deals with the morphology, physiology, habitat, and taxonomic relationship of representatives of the major invertebrate phyla. Four lecture and two two-hour laboratory periods weekly. Prerequisite: Biology 101. (AY)

Six hours

Biology 202. Vertebrate Zoology. A study of the morphology, physiology, habitat, and taxonomic relationships of representatives of the phylum Chordata. Four lecture and two two-hour laboratory periods weekly. Prerequisite: Biology 101. (AY)

Six hours

Biology 203. Advanced Botany. A study of the morphology, identification, and classification of representative genera of Pteropsida (ferns, gymnosperms, and angiosperms). Four lecture and two two-hour laboratory periods weekly. Prerequisite: Biology 103. (AY)

Six hours

Biology 211. Human Anatomy and Physiology I. An introduction to human anatomy and physiology, dealing with the anatomy and physiology of the various organ-systems of the body. Designed to meet the needs of those students planning to enter the various fields connected with medicine and nursing, as well as those who major in physical education. The course, however, may be elected as part of a Biology major. Four lecture periods and one two-hour laboratory period weekly. Prerequisite: Biology 101. (AY)

Five hours

Biology 212. Human Anatomy and Physiology II. A continuation of Biology 211. Required to validate credit for Biology 211. Four lecture periods and one two-hour laboratory period weekly. Prerequisite: Biology 211. (AY)

Five hours

Biology 215. Ecology. A treatment of the relationships of plants and animals to their environments and to each other. Three lecture and two two-hour laboratory periods weekly. Prerequisite: Biology 102 and 103, or consent of instructor. (AY)

Five hours

Biology 301. Comparative Vertebrate Anatomy. Morphology of a series of vertebrates studied comparatively; special emphasis on phycogenetic development of mammalian systems. Three lecture and three three-hour laboratory periods weekly. Prerequisite: Biology 201 and 202. (AY)

Six hours

Biology 302. Vertebrate Embryology. A study of early embryonic development and the principles involved; special laboratory emphasis on the chick, pig, and man. Three lecture and three three-hour laboratory periods weekly. Prerequisite: Biology 201 and 202. (AY)

Six hours

Biology 303. Bacteriology. An introductory course designed to familiarize the student with the morphology and physiology of bacteria. Laboratory work consists of a study of the methods of culturing and studying bacteria. Three lecture and two three-hour laboratory periods weekly. Prerequisite: Biology 103. (AY)

Six hours

Biology 304. Parasitology. Life histories and host-parasite relationship of the chief parasitic organisms; special emphasis is placed on pathogenic forms. Three lecture and two three-hour laboratory periods weekly. Prerequisite: Biology 201. (AY)

Six hours

Biology 306. Algae and Fungi. A study of the morphology, classification and life histories of members of the major classes of the Thallophyta (Algae and Fungi). Four lecture and two two-hour laboratory periods weekly. Prerequisite: Biology 103. (AY)

Six hours

Biology 401. Genetics. Fundamentals of inheritance and their application to speciation and evolution. Emphasis is placed on problem solving. Five lecture hours weekly. Prerequisite: Biology 101, 103, and 201; junior or senior standing in Biology. (AY)

Five hours

Biology 404. Protozoology. A detailed study of the phylum Protozoa emphasizing the morphology, physiology and life cycles of representatives of all five protozoan classes. Two lecture periods and one two-hour laboratory period weekly. Prerequisite: Biology 201. (AY)

Biology 411. Histology and Microtechnique. Methods of histological and microscopic technique, with application to selected representative mammalian tissues and organs. Three lecture and two three-hour laboratory periods weekly. Prerequisite: Biology 202; Chemistry 101 and 102. (AY)

Six hours

CHEMISTRY

Bachelor of Science Degree with a Major in Chemistry

A major in science with emphasis on chemistry shall consist of at least 45 quarter hours of chemistry, 20 hours of which shall be in courses numbered 300 or 400.

Required courses:

First Year—Chemistry 112, 113, 211	15 hours
Second Year—Chemistry 222, 223	10 hours
Third Year—Chemistry 311, 312	10 hours
Fourth Year—Chemistry 421, 422	10 hours

Mathematics through integral calculus and Physics 211, and 212, 213 are required. It is strongly recommended that all students planning to seek industrial employment as chemists should take additional courses in Chemistry, Physics, Mathematics and Mechanical Drawing.

Chemistry 112-113. General Chemistry. Basic course in Chemistry. Four hours lecture, two hours laboratory. Prerequisite: Two units of high school algebra or equivalent.

Five hours each

Chemistry 211. Qualitative Analysis. Systematic analysis of cations and anions using semi-micro techniques. Three hours lecture, four hours laboratory. Prerequisite: Chemistry 113.

Five hours

Chemistry 222-223. Quantitative Analysis. Gravimetric and volumetric procedures. Three hours lecture, four hours laboratory. Prerequisite: Chemistry 113.

Five hours each

Chemistry 311-312. Organic Chemistry. Basic study of aliphatic, aromatic and cyclic carbon compounds. Four hours lecture, two hours laboratory. Offered every year. Prerequisite: Chemistry 113.

Five hours each

Chemistry 412. Organic Qualitative Analysis. Identification of organic compounds by means of a systematic analysis of reaction and properties. Two hours lecture, six hours laboratory. Prerequisite: Chemistry 312. (AY).

Five hours

Chemistry 413. Biochemistry. Study of amino acid, carbohydrates, fats and oils, vitamins and hormones in relation to their metabolism in the body. Four hours lecture, two hours laboratory. Prerequisite: Chemistry 312. (AY)

Five hours

Chemistry 421-422. Physical Chemistry. A study of the states of matter with a correlation of chemical structure and physical properties. General discussions of selected topics in thermo-dynamics, thermo-chemistry, the phase rule, solutions, electro-chemistry, chemical kinetics, and surface chemistry. In addition, the last quarter of study will contain elementary conditions of highly specialized topics such as statistical mechanics, quantum chemistry, and nuclear chemistry. Four hours lecture, two hours laboratory. Prerequisites: Physics 213, Chemistry 222, and Mathematics 211. (AY)

Five hours each

Chemistry 431. Chemical Literature. A laboratory course in effective use of the library in obtaining information of a chemical nature. Three hours of discussion and library work each week. Prerequisite: Twenty-five hours of Chemistry. (AY)

Two hours

Chemistry 451. Chemical Thermodynamics. A survey of the fundamental laws governing the energy changes occurring during chemical reactions. Five hours lecture. Prerequisite: Chemistry 422. (AY)

Five hours

Chemistry 461. Industrial Chemical Calculations. A study of energy and material changes involved in the chemistry of industrial process. Practical problems in material transfer, heat transfer, and stoichiometry are included. This course is designed for students who plan to seek employment in chemical industries. Five hours lecture per week. Prerequisite: Chemistry 421. (AY)

Five hours

Chemistry 462. Industrial Chemistry. A study of the principals of uni in industry. Prerequisite: Chemistry 312. (AY)

Five hour

Chemistry 471. Seminar. Oral presentation of papers on assigned advanced subjects. Prerequisite: Junior standing.

One hour

MATHEMATICS

Bachelor of Science Degree with a Major in Mathematics

A major in science with emphasis in mathematics shall consist of a least 45 quarter hours of mathematics, 15 hours of which shall be in courses numbered 400.

Required courses:

First Year—Mathematics 111 (or equivalent), 112, 113 10-15 hour

Second Year—Mathematics 211, 212, 213 15 hour

Third Year—Mathematics 413, 421 10 hour

Physics 211, 212, 213 is required after the first year courses are completed.

Mathematics 105. Remedial Mathematics. Required of all students deficient in mathematics before entrance into Mathematics 111. Five hours lecture per week for one quarter. No credit.

Mathematics 111. College Algebra. This course deals with equations involving quadratics, progressions, binominal theorem, determinants, and partial fractions. Prerequisite: Two units of high school algebra or the equivalent.

Five hour

Mathematics 112. Plane Trigonometry. In addition to trigonometric functions and equations, this course stresses the solution of the general triangle with the use of logarithms and vectors. Prerequisite: Mathematics 111 or equivalent.

Five hour

Mathematics 113. Analytic Geometry. This course comprises a study of certain preliminary formulas, straight lines, circles, conics, translation and rotation of axes, polar equations. Prerequisite: Mathematics 112 or equivalent.

Five hour

Mathematics 211. Differential Calculus. This course comprises a study of derivatives, maxima, differentials, polar co-ordinates, motion in a curve curvature. Prerequisite: Mathematics 113.

Five hour

Mathematics 212. Integral Calculus. This course consists of the definite integral; standard formulas for integration and some special devices for integration; geometric and physical applications of the definite integral. Prerequisite: Mathematics 211.

Five hour

Mathematics 213. Intermediate Calculus. This course embraces partial differentiation, applications; double and triple integrals; infinite series, Taylor's series, and Taylor's formula with remainder. Prerequisite: Mathematics 212.

Five hours

Mathematics 401. Linear Algebra. Introduction into the theory and practice of vector, vector spaces, differential geometry, matrices and determinants, systems of linear algebraic equations. Prerequisite: Mathematics 213. (AY)

Five hours

Mathematics 411. History of Mathematics. The development of the subject matter of arithmetic, algebra, and geometry; the contributions of trigonometry, analytic geometry, and calculus. Planned to give the teacher of mathematics, as well as the practicing mathematician, an appreciation of his subject as a growing science and of its impact on western culture. Prerequisite: Mathematics 213. (AY)

Two hours

Mathematics 412. Matrices and Determinants. Properties of determinants, transformations and canonical forms. Prerequisite: Mathematics 213. (AY)

Five hours

Mathematics 413. Theory of Equations. The topics covered in this course are: Fundamental properties of polynomials, complex numbers, transformation and solution of equations, numerical equations, symmetric functions. Prerequisite: Mathematics 212. (AY)

Five hours

Mathematics 421. Differential Equations. This course consists of the formation of differential equations, study of the methods employed in their solutions; applications to geometry, mechanics, and physics. Prerequisite: Mathematics 212. (AY)

Five hours

Mathematics 422. Vector Analysis. The purposes of this course are to introduce the student to elementary vector analysis and to show the applications to geometry and mechanics. A good foundation in vector algebra is provided as well as some work in the calculus of vectors. Prerequisites: Physics 213, Mathematics 213. (AY)

Five hours

Mathematics 423. Advanced Calculus. Treats topics of elementary calculus from an advanced point of view, emphasizing precise definitions and rigorous proofs, using modern notation. Selected topics of advanced calculus are also considered. Prerequisite: Mathematics 213. (AY)

Five hours

Mathematics 424. Mathematical Theory of Statistics. Considers measures of central tendency, measures of dispersion, comparison of distributions, correlation, probability, probability functions, the normal curve, sampling. Prerequisite: Mathematics 213. (AY)

Five hours

Mathematics 425. Solid Analytic Geometry. Direction cosines and direction numbers, planes and lines, determinants and matrices, surfaces and curves, the quadric surfaces, the general equations of the second degree, coordinate and point transformation. (AY)

Five hours

Mathematics 426. Introduction to Modern Algebra. Rational numbers, integral domains, fields, rings, groups, vector spaces, matrices, and determinants. Prerequisite: Mathematics 213. (AY)

Five hours

PHYSICS AND ENGINEERING

Engineering Drawing 211-212. Engineering Drawing. The introductory course includes the use of instruments and drawing equipment, inking, study of geometrical constructions, lettering, multiview projections, auxiliary views and revolutions. The second quarter includes a comprehensive study of sectional views, axonometric projects, oblique projections, dimensioning, fasteners shop practices, tracing and working drawings.

Three hours each

Engineering Drawing 213. Descriptive Geometry. Theory of projections solution of theoretical and practical problems involving points, lines, planes single-curved, double-curved, and warped surfaces; intersections; developments; shades and shadows; and perspective drawings. Prerequisite: Engineering Drawing 211-212.

Three hours

Engineering 215. Elements of Surveying. Theory of and practice in the use of ordinary surveying instruments, level, transit, compass, and in their application to field exercises. 1 hour lecture, 2 two-hour laboratory periods. Prerequisite: Mathematics 112. (AY)

Three hours

PHYSICS

Bachelor of Science Degree with a Major in Physics

A major in science with an emphasis in physics shall consist of at least 45 quarter hours of physics, 30 hours of which shall be in courses numbered 300 and 400.

Required courses:

First Year—Math 111 (or equivalent), 112, 113), 10-15 hours

Second Year—Physics 211, 212, 213.....15 hours

Math 211, 212, 213.....15 hours

Third Year—Physics 311, 312, 322.....15 hours

Fourth Year—Physics 313, 314, 413.....15 hours

Mathematics through Intermediate Calculus plus Math 421, 422, and 423 required. The first two years must be taken in the above order but the third and fourth year courses may be taken in any order as required by course offerings.

A student must also meet the division requirements and the basic requirements for the Bachelor of Science Degree.

Physics 201-202. Physical Science. This course is designed for student concentrating in fields other than science. It includes the general principles of Chemistry and Physics and their general development and importance in present-day living, with some aspects of astronomy and geology.

Five hours each

Physics 211-212-213. General Physics. This is a sequence of courses involving a study of mechanics, heat, sound, light, electricity, and magnetism. Stress is placed upon the solution of problems. Four hours lecture three hours laboratory. Prerequisites: Mathematics 111 and 112 or the equivalent.

Five hours each

Physics 311. Electricity and Magnetism. A careful study of the laws of the d.c. and a.c. circuit is undertaken with the solution of many problems. Five hours lecture. Prerequisite: Physics 213. (AY)

Five hours

Physics 313. Mechanics. A careful study of the laws and principles of statics, vectors, torques, conditions for equilibrium, moments of inertia, which are thoroughly explained and discussed. The solution of many problems is required. Prerequisites: Mathematics 212 or the equivalent and Physics 211. (AY)

Five hours

Physics 314. Dynamics. A continuation of Physics 313. Prerequisite: Physics 313. (AY)

Five hours

Physics 315. Strength of Materials. Four hours of recitation and one three-hour laboratory period. Prerequisite: Physics 213. (AY)

Five hours

Physics 321. Heat and Thermodynamic. Thermometry, calorimetry, equations of state, heat transfer, and the laws of thermodynamics. Prerequisites: Physics 213, Mathematics 212. (AY)

Five hours

Physics 322. Light. The nature of light and its propagation. Prerequisites: Physics 213, Mathematics 212. (AY)

Five hours

Physics 413. Atomic Physics. An introduction to the study of atomic physics in which the relation between theory and fact is stressed. The object is to train the student to understand and to give critical judgment regarding atomic theory. Prerequisites: Chemistry 113, Physics 213, and Mathematics 211 or the equivalent. (AY)

Five hours

SPECIAL SCHEDULES

PRE-DENTAL PROGRAM

A three year prescribed dental program is listed below. Pre-Dental students are advised to consider the catalogues of their prospective dental schools for specific requirements.

Biology 201, 202. Zoology (Invertebrate & Vertebrate).....	12
Biology 301, 302. Comp. Anatomy or Embryology.....	6
Chemistry 111,112, 113. General	15
Chemistry 211. Qualitative Analysis.....	4
Chemistry 222, 223. Quantitative Analysis.....	8
Chemistry 311, 312. Organic.....	12
Physics 211, 212, 213. General.....	15
Math 111, 112. Algebra and Trigonometry.....	10
English 101, 102, 103. General.....	15
English 211. Literature	5
Social Studies. Sociology, Economics or Government.....	10
Religion 101, 102. New and Old Testament.....	10
Art Appreciation 201.....	5
Electives	15

Students who plan to earn the Bachelor's Degree before entering the school of Dentistry should follow the four year program listed below for Pre-Medical students.

PRE-MEDICAL PROGRAM

The Deans of Medical Schools urge college students who plan to go into the medical field to get as wide a general education as possible. They believe that a general practitioner needs a broad educational basis as a part of his training. Four years of general college education is usually required for entrance into medical schools. In view of this, Athens College presents the following suggested program. Students may deviate from this program only with the permission of the Dean and major professor.

Biology 103. Botany	5
Biology 201, 202. Zoology (Invertebrate and Vertebrate).....	12
Biology 301. Comp. Anat.	6
Biology 302. Embryology	6
Chemistry 111, 112, 113. General	15
Chemistry 211. Qualitative Analysis.....	4
Chemistry 222, 223. Quantative Analysis.....	8
Chemistry 311, 312. Organic.....	12
Physics 211, 212, 213. General.....	15
Mathematics 111, 112. Algebra and Trigonometry.....	10
French 111, 112, 113, 114.....	20
English 101, 102, 103.....	15
English 211. Literature.....	5
Religion 101, 102. Old and New Testament.....	10
Psychology 231. General.....	5
Physical Ed.....	6
Social Studies—Sociology, Economics, or Government.....	10
Art Appreciation.....	5
Electives in major field.....	15
General Electives.....	12
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	196

PRE-NURSING PROGRAM

FIRST YEAR

Biology 211-212	10
Chemistry. For Nurses.....	10
English 101, 102.....	10
Foreign Language 111, 112.....	10
Math 111, 112 (Algebra & Trigonometry).....	10
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SUMMER

Art Appreciation 201.....	5
Religion 102, 101.....	10
Social Studies.....	5
	<hr/>
	20

SECOND YEAR

English 315, 316. American Literature	10
Foreign Language 112, 114.....	10
Physics.....	5

Social Studies.....	10
Science Electives.....	5
Electives	10
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	50

A student who completes the above prescribed course (two years and one summer) and then completes the regular program at a hospital approved by the Alabama Board of Hospital Examiners will be eligible to receive the degree of Bachelor of Science (B.S.) from Athens College.

PRE-LAW PROGRAM

Admission to Law Schools normally requires completion of a four year under graduate program leading to a Bachelor's Degree. Law Schools usually require a broad cultural background of thorough learning in such fields as Economics, English, History, Philosophy, Political Science and Humanities. Those students who plan to take only two years work at a liberal arts college should follow the program below.

FIRST YEAR

Fall Quarter	Winter Quarter	Spring Quarter
English 5	English 5	English 5
History 5	History 5 5	For. Language 5
Mathematics 5	For. Language 5	History 5
Physical Ed. 1	Physical Education .. 1	Physical Education .. 1
Orientation 1		
	<hr/>	<hr/>
17	16	16

SECOND YEAR

For. Language 5	For. Language 5	History 5
English 5	Psychology 5	Science 5
History 5	Electives 6	Sociology 5
		Current History 1
	<hr/>	<hr/>
15	16	16

PRE-PHARMACY PROGRAM

All Schools of Pharmacy are operating on a five-year curriculum for all entering Freshmen. However, it is possible for students presently enrolled in college who have completed one or more years to transfer into a four-year curriculum in September, 1960 as sophomores and obtain a degree in Pharmacy in three additional years. After September, 1960, students entering Pharmacy must have completed one of the following Pre-Pharmacy programs:

1. *1-4 Program*—includes 1 year of Pre-Pharmacy and 4 years in the School of Pharmacy. Students beginning at Auburn will be on this program.
2. *2-3 Program*—includes two years of Pre-Pharmacy and 3 years in the School of Pharmacy.

Either Pre-Pharmacy Program may be taken at any accredited college offering the prescribed courses.

FIRST YEAR (1-4 Program)		SECOND YEAR (2-3 Program)	
General Chemistry & Qualitative Analysis	15	General Physics	10
Freshman English	10	Quantitative Analysis	5
College Algebra	5	General Zoology	10
College Trigonometry	5	General Economics	5
American History	5	Introductory Sociology or General Psychology	5
Botany	5	General Electives	10
Phys. Education	3	Phys. Education	3
Total Quarter Hours	48	Total Quarter Hours	48

Electives should be taken in the areas of Biology, Chemistry, Economics, English, Foreign Languages, History, Mathematics, Music, Philosophy, Psychology and Sociology.

Curriculum for Two Year Pre-Engineering Course

Pre-engineering students should start to Athens College in the summer quarter taking chemistry and a mathematics course otherwise, they may be unable to complete the prescribed courses in pre-engineering. Placement tests will be given in order to assign the student to courses commensurate with his background in mathematics. The student will be assigned to an advisor with whom he will outline his pre-engineering curriculum.

The following curriculum is recommended for the qualified student wishing to pursue a course leading to a degree in chemical engineering but may be modified to meet the requirements of certain other engineering degrees.

FIRST YEAR

SUMMER SCHOOL

Chemistry 111-112. General Chemistry	10
Mathematics 111-112 or 113. Algebra, trig or analytic geometry	5
English 101. English composition	5

FALL QUARTER

Physics 211. General Physics	5
Engineering Drawing 211. Engineering Drawing	1
Mathematics. (Depending on background)	5
P.E. Physical Education	1

WINTER QUARTER

Chemistry 222. Quantitative Analyses	5
Physics 212. General Physics	5
En. Dr. 212. Engineering Drawing	5
Mathematics. (Depending on background)	5
P.E. Physical Education	1

SPRING QUARTER

Chemistry 223. Quantitative Analyses	5
Physics 213. General Physics	5
En. Dr. 213. Descriptive Geometry	5
P.E. Physical Education	5
Mathematics. (Depending on background)	5

SECOND YEAR

FALL QUARTER

Chemistry 311. Organic Chemistry.....	5
Physics 313. Statics	5
Mathematics. (Depending on previous year).....	5
English 102. English Composition.....	5
P.E. Physical Education	1

WINTER QUARTER

Chemistry 312. Organic Chemistry.....	5
Physics 314. Dynamics	5
Mathematics. (Depending on previous year).....	5
English 211. English Literature.....	5
P.E. Physical Education	1

SPRING QUARTER

Chemistry 461. Stoichiometry	5
Physics 315. Strength of materials.....	5
Mathematics* (Depending on previous year).....	5
Non-technical elective	3-5
P.E. Physical Education	1

*Mathematics through integral calculus and preferably through differential equations must be completed by the end of the second year.

TECHNOLOGY PROGRAM

Courses leading to a diploma in Electronics Technology and Instrument Technology.

ELECTRONICS TECHNOLOGY

1st Quarter	2nd Quarter	3rd Quarter
Mathematics* 5	Mathematics* 5	Physics* 5
English* 5	English* 5	D.C. Circuitry
4th Quarter	5th Quarter	6th Quarter
Analytical	History* 5	Technical Drawing...
Trigonometry 5	Vacuum Tubes and	Amplifiers
A.C. Circuitry	Semi-Conductors	
7th Quarter	8th Quarter	9th Quarter
Public Speaking* 3	Technical Writings*... 3	Business* 5
Test Equipment	Communications	Advanced Electronic Principles
10th Quarter	11th Quarter	
Economics* 5	Human Relations* ... 5	
Advanced Electronic Equipment	Advanced Electronic Equipment	

INSTRUMENT TECHNOLOGY

1st Quarter	2nd Quarter	3rd Quarter
English*	English*	Physics*
Mathematics*	Mathematics*	Chemistry*
4th Quarter	5th Quarter	6th Quarter
Human Relations*	Mechanical Drawing*	Analytical
Philosophy of	Tools & Method	Trigonometry*
Instruments		Simple Measurements
7th Quarter	8th Quarter	9th Quarter
History*	Public Speaking*	Technical Writing*
Advanced	Flow Measurement	Temperature
Measurements		Measurement
10th Quarter	11th Quarter	
Business*	Economics*	
Pressure Measurements	Electronics	

*Courses marked with an asterisk may be taken earlier than indicated on the program.

DIRECTORIES

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T. S. WOODROOF *Secretary*

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T. J. CHITWOOD

MEMBERS

Term expires 1961

Chas. O. Moore.....Decatur
R. E. Kimbrough.....Birmingham
John S. Christian.....Decatur
R. C. Martin.....Athens
J. Homer Crim.....Huntsville
N. H. Waters, Sr.....Birmingham
J. E. Beasley, Jr.....Athens

Term expires 1962

P. W. Hendricks.....Athens
John J. Sparkman.....Washington, D. C.
E. L. McFEE.....Athens
J. Gordon Daves.....Cullman
Allen D. Montgomery.....Birmingham
R. B. Lavender.....Birmingham

Term expires 1963

O. S. Gamble.....Gadsden
R. L. Archibald.....Florence
Sim S. Wilbanks.....Alexander City
T. S. Woodroof.....Athens
A. C. Michaels.....Gadsden
T. J. Chitwood.....Florence

ACADEMIC FACULTY 1961-1962

- ANDERSON, N. H. _____ *Instructor in Physics*
B.S., M.S., University of Tennessee.
- BASS, HAROLD _____ *Assistant Professor of Mathematics*
B.S., M.S., Middle Tennessee State College.
- BATHURST, JAMES E. _____ *Dean and Registrar, Professor of Psychology*
A.B., McPherson College; M.A., Ph.D., State University of Iowa.
- BELCHER, OBA E. _____ *Coach and Assistant Professor of Physical Education*
B.S., Florence State College; M.Ed., Auburn University.
- BROOKS, BARBARA _____ *Assistant Professor of Secretarial Science*
A.B., University of Wichita; M.A., University of Alabama.
- BRYAN, RICHARD W. _____ *Professor of Business Administration*
Chairman, Business and Social Science Division
Ph.B., Emory University; M.S., Ph.D., New York University.
- CARSON, HALLIE H. _____ *Associate Professor and Librarian*
A.B., Emory and Henry College; A.B., in L.Sc., Emory University;
M.A. in L.Sc., University of Michigan.
- CARTER, M. L. _____ *Assistant Professor of Mathematics and Physics*
B.S., Oklahoma State University; M.S., Iowa State College; Additional graduate work at Ohio State University.
- DENISON, WILLIAM _____ *Associate Professor of Music*
B.M., M.M., University of Michigan.
- EDWARDS LAWRENCE F. _____ *Associate Professor of Art, Dean of Students*
A.B., Mississippi Southern College; M.F.A., University of Mississippi.
- EWING, GEORGE EDMUND _____ *Director of Public Relations*
A.B., University of Alabama.
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Library: Miss Carson, Miss Howell, Mr. West, Dean Bathurst, Mr. Greenwood, Miss McMillan, Miss Nazaretian.

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*The first name listed for each Committee is chairman; the second is vicechairman, and presides in the absence of the chairman.

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June, 1961

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Eloise Ryan Bass	Cassie B. Johnson	William Orden Sexton
<i>cum laude</i>	Joseph Millard Jones	John Thomas Shaddix
Charles Wesley Bostick	Mary Sue Jones	Kylie Leston Smith
Amy King Burks	Daniel Scott Kilgore	Raymond Ray Stonicher
Larry Ronald Burks	Horace Edward Kilpatrick	Ernest Franklin Stroh
James William Campbell	Homer H. Landrum	<i>cum laude</i>
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Barbara Ferguson	Mary Katherine Smith	(Carolyn Adams) Vann
Caughran	Mitchell	Margaret Jones Vann
<i>magna cum laude</i>	Donna Yates McAnnally	Ola Gayle Vaught
Gerald Arthur Champion	Robert Earl Neely	Tommie Lou Whitt
Frank McDonald Graham	Mrs. Virginia Orr	<i>cum laude</i>
Barbara Gray Harper	Dorcas Hudson Parker	Bobby Wood
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INDEX

	Page		Page
Absences, Chapel	24	Grants	18
Absences, Classes	24	Health and Physical Education, Major	46
Accounting, Courses in	54	Health and Physical Education, Minor	46,47
Accreditation	5	Health and Physical Education, Courses in	46
"A" Club	14	Henry Book Endowment Fund	23
Administrative Staff	3	History, Courses in	57
Admission Requirements	27	History of Athens College	9
Alumni Association	14	Honor Scholarships	19
Anthropology, Courses in	61	Housing Facilities	15
Art, Courses in	33,34	Humanities, Division of	33
Athletic Program	12	Living Arrangements, Men	15
Audited Courses	23	Living Arrangements, Women	15
Bible (See Philosophy and Religion)		Loans	20
Biology, Courses in	64	Location of Athens College	9
Buildings	9	Lyceum Series	14
Business Administration	55	Grading System	24
Business, Courses in	55	Mathematics, Courses in	68
Calendar, 1962-63	7	Medical Fee	15
Chemistry, Courses in	66	Music, Courses in	38
Classification of Students	26	Objectives of Athens College	4
Concentration, Areas of	33,42,54,64	Organization for Instruction	32
Correspondence Credit	29,30,31,32	Philosophy, Courses in	40
Dean's List	25	Physical Education, Courses in	50
Degrees:		Physical Education, Professional Courses	52
Bachelor of Arts	29	Physical Education Activities	51
Bachelor of Science	30	Physics, Courses in	70
Bachelor of Science in Education	31	Political Science Program	59
Degrees Conferred, 1961	82	Pre-Dentistry Program	71
Degrees with Distinction	25	Pre-Law Program	73
Divisions of Instruction	32	Pre-Medicine Program	72
Division of Education		Pre-Nursing Program	72
Regulations	45	Pre-Pharmacy Program	73
Drama	14	Probation Policy	26
Drama, Courses in	41	Psychology, Courses in	49
Economics, Courses in	56	Publications	13
Education, Division of	42	Quality Point Standing	24
Education, Courses in	47	Registration	28
Education, Elementary	48	Regulations, Administrative	23
Education, Secondary	49	Religion, Courses in	40
Eligibility to Represent College	12	Religious Life	12
Engineering, Courses in	70	Refund for Withdrawals	17
English, Courses in	35	Room Reservations	15
Examinations and Grading	23	Schedules Permitted	23
Expenses, College	16	Science and Mathematics, Division of	64
Faculty	78	Secretarial Science, Courses in	63,64
Faculty Advisers	25	Shorthand, Courses in	60
Faculty, Standing Committee	81	Sigma Tau Delta	14
Fees	12,16	Social Science, Division of	54
French, Courses in	36	Sociology, Courses in	60
Freshman Registration	28	Spanish, Courses in	37
General Education Program	47	Speech, Courses in	41
German, Courses in	37		
Graduation Requirements	29,30,31,32		

	Page		Page
Special Students.....	28	Student Activities.....	11
Sports and Recreational		Student Government.....	11
Activities.....	12	Transfer Students.....	27
Student Aid; Application for.....	22	Transcript of Record.....	26
Student Aid, Standards for		Trustees.....	77
Receiving.....	22	Typewriting, Courses in.....	59
Student Conduct.....	23	Workships.....	18

